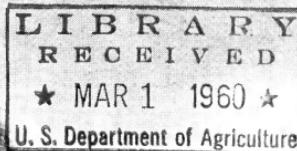


62

A Short Guide

TO THE BEST VARIETIES OF TREES,
SHRUBS, EVERGREENS, FRUITS, PLANTS,
WITH SPECIAL PRICES FOR SPRING 1960
CATALOG NO. 165 ~ OUR 83rd YEAR



KELSEY NURSERY SERVICE, Highlands, New Jersey

HOW WE DO BUSINESS WITH YOU

This is our office only. We have nothing here for pick-up, or purchase. From here we allocate to nurseries best suited by soil and climate for various kinds of plants. One nursery grows nothing but vinca and ground covers; another only hybrid rhododendron, etc. If all stock were grown at one location, plants would cost much more to grow to a given size. If we employed enough sales help to handle over 1000 different kinds, our prices would have to go up further. Our way has worked well over the years. See letters from customers on page 70. Or look at the cover picture:-the plants were 3 to 4 feet high in 1890 when we furnished them to the W. B. Cutting estate on Long Island.

Ordering from this Catalog:

It is easy. Sit back in comfort and take your time. Faithful pictures, honest descriptions, exact specifications all tell MORE about a plant than looking at it does. Order as soon as you wish, we ship at proper planting time. Our liberal guarantee and eighty-year reputation make it safe to order this way. Most large wholesale ordering is by mail.

It is fun, since new and rare varieties are far sooner available from catalogs than in local sales yards. Our enormous selection offers hundreds of kinds more than local nurseries can. You get better varieties that are more exciting too.

It is the best way to plan properly. No sales talk, but real information on shade, acidity, moisture, etc. Mark out at leisure where each plant you want grows best in your garden conditions. Result, better growth and far less work.

It is economical. Unlike most other nurseries, however, stock is not shipped from the wholesale growers to a central packing plant or display center. It is shipped direct from growing fields to YOU. Therefore (1) our stock is usually fresher; (2) costs average less.

We have thousands of satisfied customers, and more every year. Many write enthusiastic letters. But, if anything goes wrong, we try to be more than fair. We will never be perfect in this world, but we do try hard to furnish only good stock.



How to Order

Fill in the order form on page 71 and enclose check. Shipment is made with express charges collected on arrival. You will get a prompt acknowledgement indicating approximate shipping time.

**ORDER NOW—
DON'T WAIT**

Unlike other things you buy, nursery stock must be ordered in advance—Why? Because our whole year's shipments come in a few months' time and there is never enough help. Shipments are scheduled long in advance. Order now, we will ship at proper time later.

Kelsey Nursery Service

Office only at Highlands, N. J.

How to Use This Different Kind of Catalog

IN THIS SHORT GUIDE it is taken for granted that most trees and shrubs require normal food, air and water. Plants very easy to grow are referred to as "tolerant" or may have no notes whatsoever.

Height—"20 ft.", "8 ft.", etc. (This is ultimate height at maturity).

Light — “sun”, “shade”.

Light makes the chlorophyl factory turn its wheels. All plants need some. Those that get along best on little light are marked "shade" in this Guide. Those that need a great deal are marked "sun".—Normal plants are not marked, and need about $\frac{1}{2}$ day's sun.

Air — “loose”, “heavy”, “drain”.

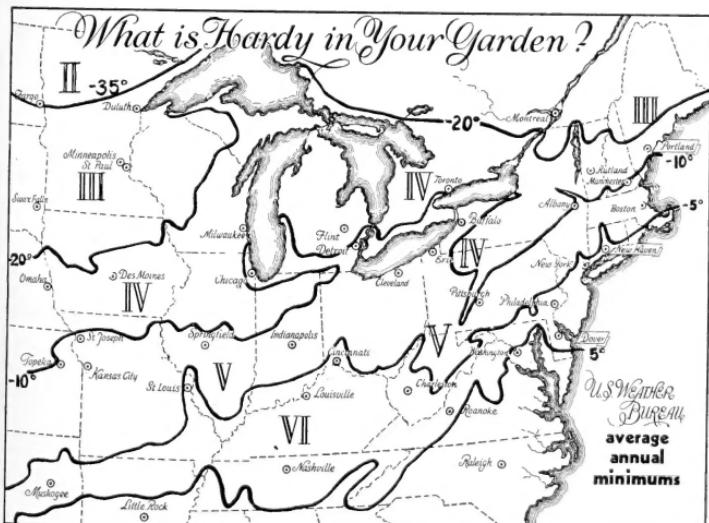
Roots get oxygen from air that filters into the earth. Some plants need more than others; these must have loose soil and will suffocate in heavy damp clays. Such plants are marked "drain". Others like clay and are marked "heavy soil".

Water — “damp”, “dry”.

Roots can only use chemicals that are dissolved in water. Also, water is the means of transportation up the stem. Some plants need more than others and die in severe drought. In the descriptions such are marked "damp". A loose soil quickly dries, a heavy soil keeps damp. Thus water and air for the roots are both present in a mixed soil (except in drought when all soils must be watered).

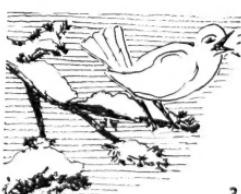
Food — "humus", "rich", "barren".

Ordinary soil has plenty of food for ordinary plants. Do not use fertilizers except for gross feeders (roses and peonies). (Or if your soil is not good). Plants that need manure are marked "rich", those that thrive in poor soil are marked "barren", etc. Ordinary plants not marked.



CLIMATE MAP

The numbers I to VII in the map refer to Zone numbers printed after each plant name throughout this Guide. It shows the northern limit beyond which any given plant cannot grow. This is not a perfect rule. Two modifications might be mentioned. East of Indianapolis, a damper climate makes all evergreens harder. West of Indianapolis hot western summers make deciduous trees harder than rated in this Guide. If the Zone is in brackets (IV), plant needs protected site to be hardy there.



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To common and proper names of plants (except perennials, which are separately listed on pages 62 to 68 inclusive).

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Symbols: GRADES OF NURSERY STOCK

These are very important. A 12 inch plant may be seedling (S) or transplant (X) two years older. Or XX, still older and bushy; or even (still 12 inch) B&B shaped landscape grade. There is a great difference in value. Make sure which grade you order—and get.

*

S

X

XX

POT

BB

COLL-
ECTED

Indicates a small plant not yet shapely. (No mark at all before the size indicates fairly shapely landscape grade.)

Seedlings (or cuttings) not yet transplanted. Plant 3 in. apart in beds, for evergreen kinds, which need shade for two years when they are "X" grade below. Deciduous trees and shrubs are quicker growing and need less care, but should be cut back upon planting.

Transplants. Bushier roots and tops. Space 5 or 6 inches apart in beds for evergreens, and shade the first summer. In planting evergreens be careful to keep package moist, remove only one plant at a time to set in the ground, otherwise roots dry out. In two years they are "XX" grade below. Deciduous trees and shrubs are much harder and need no special care as transplants, except in pruning.

Twice transplanted stock. Much bushier in roots and tops. In deciduous trees and shrubs, "XX" grades are specimens. In evergreens, which grow much more slowly, space 8 to 10 inches apart at least, and no shade is needed. But plant otherwise as for transplants. These are the largest evergreens that can be shipped with little expense, perhaps 10 to 15% extra for express.

Any of the above can be grown in pots, and thus handled with a pot ball almost any time of year. Just dig a hole to fit, press earth around on all sides, soak. Space twice the size of the pot at least (2 inch pots space 4 inches, etc.). Very small pots need shade first year, larger sizes not. Much safer than bare root stock, but much costlier for express. Perhaps 30%. (2-inch pots, handle like "X" grades; 4-inch pots like "XX" grades.)

Plant-bands can be used instead of pots. Treat the same way. See page 45 for special offers.

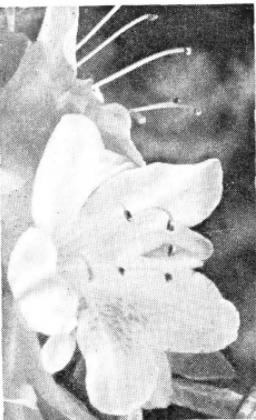
Balled and burlapped landscape specimens. Usually only evergreens are balled. Deciduous shrubs and trees are handled bare root in specimen sizes, the only special care is to watch they are not planted deeper than they stood in the nursery. (Check soil mark in lower stem.) B&B stock costs are high for express—50% of cost of stock or more. Bare root deciduous trees and shrubs cost 20% or less for specimens by express.

A few kinds of natives (mostly rhododendrons) can be safely brought direct from the native field to your garden. Described and priced on page 15.

Evergreen

AZALEAS

Azaleas take
same culture as
Rhododendrons.
See page 14.



Macrantha



Kaempferi

Gayest and brightest of all flowering plants. Grow best in sun or light shade. Given ordinary garden soil, Azaleas will succeed provided acid conditions exist. All kinds listed here are evergreen except those specially noted at bottom of this page.

Ledifolia (mucronatum). Evergreen, 6 ft. Bushy. Acid, humus, loose. Late May. Zone (V), VI. Handsome, dense.

—**alba.** White against dark green.

—**Delaware Valley White.** The same, but harder.

—**rosea.** Rose tinted, large.

—**rubra**—double red. Tall.

Any of above 4 kinds:

*3 yr. XX ... 5 \$7.00, 100 \$90.00
10-15 in. BB \$5.00, 5 \$21.00

Azalea HINOCRIMSON

A better, hardier Hinodigiri. Large, crimson-red, clean color, does not fade. Fragrant. Zone V. Probably the best hardy evergreen Azalea.

*3 yr. XX ... 5 for \$7.00,
25 \$20.00.

8-10 in. BB \$4.50, 5
for \$20.00.

12 in. BB \$5.50, 5 \$25
15 in BB....\$7.00, 5 \$30

KAEMPFERI HYBRIDS

Semi-evergreen. 8 ft. Flowers larger. May. Zone IV.

—**Othello**—Brick-red.

—**Betty**—Showy pink. Compact.

—**Mary**—Large deep pink.

—**Carmen**—Rose, tall.

—**Lakme**—Pink, compact.

—**Mikado**—Showy red.

Any of above kinds:

*4 yr. XX 2 for \$3.50, 25 \$30.00
12-15 in. BB \$5.50 each, 10 \$50.00

Deciduous Azaleas

(Placed here for convenience. See also page 45.)

Arborescens. 9 ft. Zone IV. Fragrant white, July.

*12 in. X ... 2 \$3.95, 10 \$15

Calendulacea. 9 ft. Zone V, flame colored bloom, May.

*8-12 in. X ... 5 for \$6, 100 \$75
8-12 in. BB ... 5 \$8, 100 \$140

Canadense (Rhodora). 3 ft. Zone II. Purple, April. Moist, acid. The hardest. (Collected carefully.)

12 in. BB
5 for \$12.00, 100 \$150.00

Japonica. 6 ft. Zone IV. Orange to flame in May. Very hardy.

*8-12 in. X
2 for \$3.00, 10 \$12.50

Mucronulatum—April, Purple. Zone IV. The earliest Azalea. 12-15 in. BB....\$4.75, 5 \$20.00

Mollis (Chinese Azalea). 2 to 5 ft. Sun, acid, loose. Zone V. Easy to grow. May. Mixed colors:—
*6-8 in. X ... 5 \$4.50, 100 \$60.00

—**Named Colors:** red, orange, yellow. (State your choice.)
10-15 in....\$3, any 2 \$5 ppd.

Rosea. 9 ft. Zone III. Dark pink in May. Better than nudiflora.

12 in. clumps
5 \$8.50, 100 \$125.00

Ghent and Mollis Hybrids. 3-5 ft. Zone V. Large bright flowers, small bush.

12 in. BB....\$6.00 each, 5 \$25.00

—**Hugo Hardizer**—red.

—**CB. Van Ness**—Fire-red.

—**Coccinea speciosa**—orange red.

—**Fanny**—soft red.

—**Dr. Oosthoek**—orange.

Schlippenbachi. 15 ft. Zone IV. Large bright pink, scented. Rare.

*6 in. X
5 for \$7.00 ppd., 25 \$20.00
10-12 in. BB
\$6.00 each, 5 \$25.00

JUNE AZALEAS

Beni-Kirishima — low, spreads. Zone V. Double old rose. June.

Macrantha. Zone V. Low, broad, evergreen. Salmon-red, June.

Macrantha flora plena. Double red, late in June. Zone VI.

Any one kind above:
*4 yr. XX 5 for \$8.50 ppd.
12-15 in. BB \$5.50 each

Gumpo. Very dwarf. Zone VI. Huge frilled pure white.

*4 yr. XX 5 for \$9.50 ppd.
6 to 8 in. BB....\$4.75 ea.

OFFER: 1 each all 4 plants \$9.50 postpaid

(Smaller of above sizes.)

Feldyk Hybrids. "Sweet-pea" Azaleas. Large bright flowers. Zone V.

—**Orion**—Salmon-pink.

—**Chloris**—Good pink.

—**Jeanne**—Violet.

*4 yr. XX 5 for \$9.50, 25 \$30.00

Kaempferi (Torch Azalea). Zone IV. 8 ft. Red to orange. May. Only semi-evergreen.

*8-12 in. XX 5 for \$3.00, 100 \$45

*3-inch pots 6 for \$8.50

Maxwelli. Zone VI. Clear dark red, late May. Large blooms.

*4 yr. XX 5 for \$9.50 ppd.
12-15 in. BB.....\$5.50, 5 \$22.00

Palestrina (Vuyk) Fine tall white, May. 6 ft.

*4 yr. XX 5 for \$9.25, 25 \$30
10-12 in. BB....\$5.25, 5 for \$22.00

Photo: Azalea *ledifolia alba*



GABLE HARDY AZALEAS

These hybrids have been made in the effort to originate a hardier strain of the Japanese type of Azalea, keeping form and color. Live, bloom in Zone V.

Billy. Good single red.

Carol. Bright, pink, double.

Herbert. Large frilled red.

Jimmy Coover. Late single red.

Mary Ann. Double pink.

Purple Splendor. Best purple.

Rose-bud. Double pearly pink.

"**Early Rosebud**." (C 12 G). Double pink, early.

"**Dark Rosebud**" (FGG)

Rose Greeley. Hardy white.

Any of above 8 kinds, 3 yr. XX bushy, 5 assorted \$8.50; 5 one kind \$7.50.

ALSO, 10 to 15 in. B&B. \$5.50, 5 for \$20.00

Amoena. 4 ft. Almost a species. Type is rosy purple. Zone V.

—**carminata splendens**. Big red flower. Zone V.

*3 yr. XX—Any one kind:
5 for \$7.50 ppd., 100 \$90.00

Kurume (Japanese Evergreen). 2 to 4 ft. Acid, humus, various colors in May. Zone VI. These are fine dwarf evergreens.

—**Flame**—Coppery red.

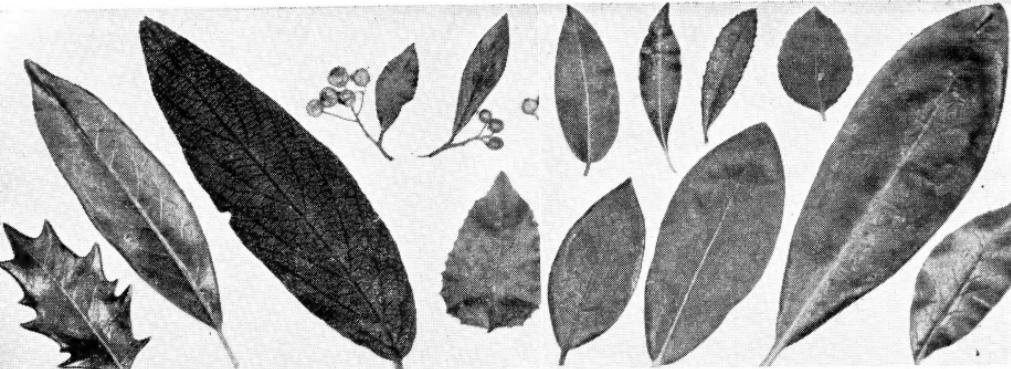
—**hinodigiri**. Brilliant red. Covered with flowers.

—**hinamayo**. Clear pink.

—**Sherwood Red**. Zone V. Dwarf, compact. Brilliant color.

Any of above 4 kinds priced:—

*3 yr. XX 5 ppd. \$6.50, 100 \$90
8-12 in. BB \$3.95 ea., 10 \$32.50



(Bottom) *Osmanthus laurocerasus*, *Viburnum rhytidophyllum*, *Mahonia maximum*, *Kalmia*. (Top row) *Pyracantha Lalandi*, *Cotoneaster salicifolia*, *Rhododendron Carolina*, *Catawbiense*, *Pieris floribunda*, *P. japonica*, *berberis Juliana*, *Euonymus patens*.

BROADLEAF EVERGREENS WITH BALL



No fertilizer—little or no pruning. Mulch with leaves after planting. Water well.



Pieris japonica flowers

ABELIA

Easily grown, tolerant.

—**Grandiflora** (Glossy Abelia). 5 ft. Zone V, evergreen to Zone VI. Almost perfect shrub. Small bright leaves, graceful growth. Any soil. Sun. Pinky-white bells from June to October. Leaves bronze in winter.

*12-18 in. X.....2 \$3.50, 10 \$7.50
1½-2 ft. X \$3.00 each, 10 \$18.00
2-3 ft. \$4.50 each, 5 \$15.00

—**Edward Goucher**. New (Pink Abelia) 5 ft. Zone VI. More evergreen. Flowers larger, clear pink, June to October.

*2 in. pots10 \$7.50, 100 \$60.00
4 in. pot\$3.00 each, 10 \$15.00
18-24 inch \$5.50 each, 10 \$40.00

—**USDA No. 101092**—Dark pink like Edward Goucher, hardier.

*2 in. pot 2 ppd. \$3.00, 5 \$5.00

AZALEA—(See page 6, 7)

Rhododendron, *Carolina*, *Catawbiense*, *Pieris floribunda*, *P. japonica*, *berberis Juliana*, *Euonymus patens*.

BERBERIS Juliana (Wintergreen Barberry). 7 ft. Zone V. Evergreen. Sun or shade. Flowers small, fruit black. Hardiest of thoroughly evergreen Barberries. Good stout bush. Thorny.

*2 in. pots5 \$5.00, 100 \$60.00
*10 in. XX 10 \$20.00, 100 \$160.00
15-18 in. BB \$6.00 each, 10 \$55.00

—verruculosa. 5 ft. Zone V. Dense, spreading. Besides good evergreen leaves, has large showy gold blooms in May.

*2 inch pot5 \$4.50, 100 \$75.00
15-18 in. BB \$5.50 each, 10 \$50.00

—Candidula. 3 ft. Zone V. Very rich green leaf. Best dwarf.

*2½ in. pot 2 for \$5.00, 10 \$20

—triacanthophora. 5 ft. Zone V. Narrow, long leaves. Different.

*2½ in. pot5 \$6.00, 25 \$20.00
12-15 in. BB \$6.00 each, 10 \$50.00

Planting Evergreens without a Ball



1. Keep plants covered all the time except for the one being planted. This is most important of all.

2. Work loose, prepared earth around the roots by hand.

On these pages are arranged alphabetically* the really choice Evergreen Shrubs. Broad evergreen leaves transpire water constantly so extra moisture is needed all year. Mulching with peat helps. All easy to grow—Acid-soil kinds, however, must have acid soil. (*See also AZALEAS page 6, HOLLY page 12, RHODODENDRON page 14.)

BUXUS microphylla Koreana (Korean Box). 2½ ft. Zone IV. Very compact and dense. Any soil. Prefers sun. Neat edge for a garden.

*2½ in. pots 5 ppd. \$7.00, 100 \$85
8-10 in. BB \$5.50 each, 10 \$45.00

—*japonica* (Japan Box). 8 ft. Zone V. Hardy, upright bushy shrub. Hardiest in shade.

*10-12 in. X 10 \$12 ppd. 100 \$80
12-15 in. BB \$4.50 each, 10 \$35.00

—*compacta*. Very rare, very dwarf, very hardy.

*2½ in. pot 2 for \$3.25, 10 \$15.00
8-10 in. BB.....\$6.50, 10 \$55.00

BUXUS Suffruticosa (Dwarf "English"). To 6 ft. Zone V. A billowy dense mass of dark green. This is the box of collectors. Small plants used for real box edging. Sun or part shade.
*1 yr. X25 \$6.50, 100 \$22.00
*4-6 in. X 5 ppd. \$4.00, 100 \$65.00
6-8 in. X.....5 for \$7.50, 100 \$90
12-14 in. BB \$6.50 each, 5 \$30.00

CAMELLIA sasanqua (Hardy Camelia). This gorgeous fall-bloomer (Oct.-Nov.) is proving hardy in parts of Zone VI. Humus, fertilize, extra watering, semi-shade. Worth trying. Dark shiny evergreen leaf.

—**Pink Snow**—Glowing new pink.

—**Cleopatra**—3 in. double rose.

—**Daydream**—Vigorous pink.

—**Reticulata**—Reddish pink.

—**Showy Supreme**—Semi-double white.

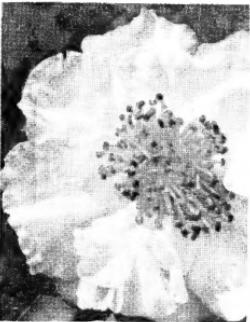
12 in. (pots) Any 5 for \$7.50.

Broadleaf Evergreens

Pages 6 to 15



Berberis Julianae



Camellia sasanqua



Photo: Abelia grandiflora

CALUNA vulgaris (Scotch Heather). 2 ft. Zone V. Likes drainage, acid, wind. Evergreen. Rosy-purple, July and August.

2 inch pot10 \$7.50, 100 \$55.00
3 inch pot5 \$6.75, 100 \$110.00

Also any one variety below:—

- rubra** (Red Heather)
- alba erecta**—Taller form, white.
- alba minor**—Dwarf white.
- County Wicklow**—Double pink.
- rosea**—Pink, delicate form.
- alporti**—Carmine.
- multiplex**—Double pink.
- cuprea**—purple bronze.

3 in. pot \$1.95, 10 \$13.50, 100 \$110

COTONEASTER. Sun, drain.

horizontalis (Rock Cotoneaster). 3 ft. Zone IV. Flat arching, densely twigged. Half-evergreen. Pink flowers, red berries.

*2½ in. pot ..10 \$9.00, 100 \$50.00
4 in. pot\$2.25 each, 5 \$9.50

—**Perpusilla**, dwarf form.

*2½ in. pot 5 ppd. \$4.50, 25 \$15.00
4 inch pot....\$2.25 each, 5 \$9.50

Dammeri. (Cranberry Cot.) 1 ft. trailing. Zone V. Evergreen. White June, crimson berries Oct.

*2½ in. pot. 2 for \$3.00, 10 \$7.50

salicifolia (Willowleaf). 8 ft. Zone VI. Evergreen. Red fruit.

*2 in. pot10 \$8.50, 100 \$80.00
18 in. (pot)....\$5.00 each, 2 \$8.50

CYTISUS scoparius (Common broom). 4 to 8 ft. Zone V. Bushy, upright stems. Yellow, May-June. Drain. Sun. Perhaps the best cover for dry banks. A sight in bloom. Evergreen stems.

*12-18 in. 25 for \$5.00, 100 \$15.00
3 inch pot ..\$3.00 each, 5 \$12.50
4 inch pot ..\$4.00 each, 5 \$18.00

—**Andreanus**, half red, half yellow.

3 inch pot....\$3.50 each, 5 \$15.00

—**Burkwood's**, the same but dark red flowers.

*2 inch pot..2 ppd. \$2.50, 10 \$7.50
4 inch pot\$3.75, 5 for \$16.00

—**praecox** (Warminster Broom), 5 ft. Zone V. Amazing shower of pale yellow in May. Outstanding.

*2 inch pot..2 ppd. \$2.50, 10 \$7.50
4 inch pot\$4.75 each, 5 \$20.00

—**Pomona**. 4 ft. Tricolor bloom, scarlet, cream and gold.

3 inch pot ..\$3.50 each, 5 \$15.00

Purgans. Dense, bushy, yellow. 3 ft. Zone (V).

4 inch pot\$4.50 each, 5 \$20.00

supinus (Bigflower Broom). 3 ft. Zone V. Showy yellow in July. 3 inch pot\$3.50 each, 5 \$15.00



Daphne cneorum

DAPHNE cneorum (Garland Flowers). 1 ft. Zone IV. Perhaps the finest rock-garden evergreen. Very fragrant rose flowers (large) in May and again in Sept. Needs sun. Spreads.

5-7 inch BB \$3.75 each, 5 \$17.50
7-9 inch BB \$4.50 each, 5 \$20
12 inch BB \$7.00 each, 5 \$30.00

ERICA carnea (Spring Heath). 1 ft. Zone V. A show of rose in the snow, lasts to May. Acid, sandy, humus. A soft mass of tiny leaves.

*2 in. pot ..5 for \$4.50, 100 \$60.00
4 in. pot\$4.00 each, 5 \$18.00

—**Springwood** (White Heath).

*2 in. pot5 \$4.50, 25 \$16.50
4 in. pot\$3.50 each, 5 \$15.00

—**King George**. Form with bright red flowers.

*2 in. pot 5 \$4.50, 25 \$16.50
4 in. pot \$3.50 each, 5 \$15.00

Darleyensis (Hybrid Heath). Taller than carnea, but like it. Purple flowers Feb.-Apr.

*2 in. pot 5 for \$4.50, 100 \$60.00
4 in. pot \$4.00 each, 5 \$18.00

EUONYMUS vegetus. Large leaves, vigorous bush. A few climbing leaders. Orange fruit. Zone V.

3 year\$3.00 each, 10 \$25.00
*2 1/4 inch pot 10 \$8.00, 100 \$50.00



Above: **Laurocerasus**

Below: **Erica carnea**



Bush of **Cytisus praecox**. Evergreen Stems resemble a dwarf pine



ILEX (See pages 12-13).

KALMIA latifolia (Mtn. Laurel)

*2 inch pots...10 \$6.00, 100 \$50
(Collected plants page 15)

LAUROCERASUS schipkaensis (Hardy English Laurel). 6 ft. Zone V. A gorgeous evergreen shrub, with dark green leaves. White flower spikes in May. Very easily grown. Very fast growing.
*3 inch pot..10 \$12.50, 100 \$90.00
15 in. (pot) \$3.50 each, 10 \$45.00
12-15 in. BB \$5.00 each, 10 \$45.00

—**Zabeliana**. Similar, but narrow-er leaves. Zone V.

*3 in. pots...10 \$12.50, 100 \$90.00
12-18 in. BB \$6.00 each, 10 \$50.00

LEUCOTHOE catesbaei. 5 ft. Zone V. Handsome white, May.
4 in. pot.....\$2.50, 10 \$20.00
(Collected plants page 15)

MAHONIA Aquifolium (Oregon Holly-grape). 5 ft. Zone V. Yellow. May; purplish "grape," Aug. Dry, part shade.

4 inch pot (12") 2 \$5.00, 10 \$23

Beali (Leatherleaf Mahonia). 12 ft. Zone V. Large, divided leaf. Tropical look. Yellow fragrant blooms, April.

*2 1/4 inch pot 10 \$8.50, 100 \$65.00
4 inch pot....\$2.75 each, 10 \$20.00

OSMANTHUS aquifolium (Holly-leaved Myrtle). Zone VI. 6 ft. Evergreen shrub. Tolerant, use-ful foliage plant.

*2 inch pots ..10 \$6.00, 100 \$45.00
8-12 in. (pot)....2 \$2.00, 10 \$8.00

—**aquifolium rotundifolium**. New, compact, dwarf form.

*2 1/4 in. pot 2 for \$3.50, 10 \$15.00

PACHISTIMA canbyi. Evergreen clump, 9-inch. Zone V. Wonder-ful rock plant. Moist.

3 in. pots \$2.00, 10 \$15.00, 100 \$125

PIERIS floribunda (Mountain Fetterbush). 3 ft. Zone IV. Ever-green, mound. Upright clusters white in May. Acid, humus, half shade.

*6-8 in. X....5 for \$5.00, 25 \$20.00
12-15 in. BB \$7.50 each, 5 \$30.00

PIERIS Japonica (Japonica Andromeda). 6 ft. Zone V. Ever-green, upright shrub, with drooping wax-like bells. May. New growth is rosy-wine.

*2 1/4 inch pot ..5 \$5.50, 100 \$65.00
*10-12 inch X ..5 \$5.00, 25 \$24.00
12-15 in. BB \$4.50 each, 10 \$30.00

PYRACANTHA lalandi (Laland Firethorn). Evergreen shrub to 15 ft. Zone V. A fuzz of white in May, then orange-red berries. Drain, lime.

*3 inch pot ..10 \$12.00, 100 \$85.00
4 in. pot\$3.00, 10 \$20

—**Lowboy**. Smaller in all parts. To 8 feet.

*2 1/4 in. pot 10 \$8.50, 100 \$60.00
18 in. (pot) \$3.00 each, 10 \$20.00

watereri. New. Zone V. Compact. Finest Firethorn. Hardy, ever-green. Red berry. The fire-thorn of the future.

*4-inch pot.....\$3.50, 2 for \$6.00

RHODODENDRON (Page 14)

SARCOCOCCA hookeriana humi-lis. Spreading evergreen shrublet in shade. 2 ft. Zone V. Fine ground cover.

*3 in. pot....5 for \$6.50, 50 \$50.00
6-8 in. BB....\$4.50 each, 10 \$35.00

STRANSVAESIA davidi ana. Shrub to 20 feet. Zone VI. Large shiny green leaves. Scarlet fruit.

*12-18 inches \$3.00 each, 5 \$10.00
1 1/2 ft. \$4.00 each, 10 \$30.00

VIBURNUM Rhytidophilum (Leatherleaf). 9 ft. Zone V. Wrinkled evergreen leaves, bright green, shiny. Bold. Red berries. Drain, shelter. Unique leaves.

*6-12 inch X 25 \$18.00, 100 \$60.00
18 in. BB \$5.50 each

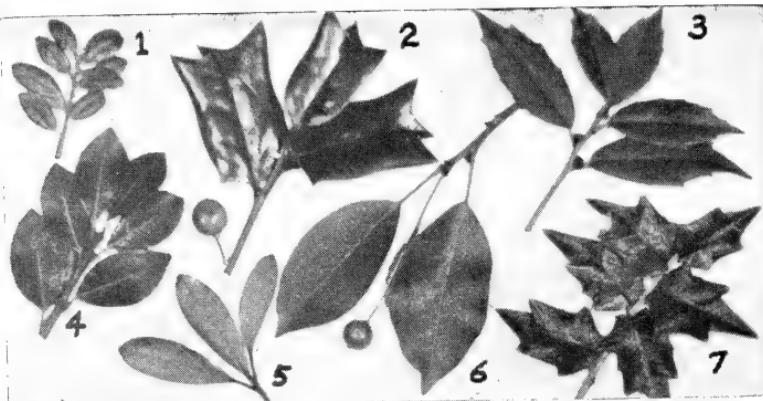
BROADLEAF EVERGREENS



Photo: Viburnum Rhytidophilum



Pyracantha Watereri



HOLLY LEAVES

1. *Crenata Convexa*
2. *Cornuta*
3. *Cilio-spinosa*
4. *Cr. rotundifolia*
5. *Globra*
6. *Pedunculosa*
7. *Pernyi veitch*

ILEX—the Hollies

Aquifolium (English Holly). 40 ft. Zone VI. Very shiny, toothed leaves. Very large bright red berries.

—Female (for berries)

*3 inch pot5 \$9.75, 50 \$85.00
4 in. pot (18") \$3.95, 10 for \$30

—Male (for pollination)

*3 inch pot .25 each, 10 \$20.00
4 in. pot (18 inch) \$4.00 each

—Bisex—a useful freak. Berries on one plant, both male and female flowers.

*3 in. pot....\$3.00 each, 5 \$12.50

—Van Tol. A fine female form. Extra good berries. Leaf with fewer spines.

4 in. pot (18").....\$3.95, 10 \$30

Aquiperne, hybrid with aquifolium, shinier, more toothed leaf. More vigorous than pernyi. Zone V.

—Brilliant. Heavy fruiting.

*3 in. pot. \$2.75, 10 \$20, 100 \$160
15 inch (pot ball) \$5.50, 5 \$25.00

Ciliospinosa. 12 ft. Zone VI. Toothed leaves. A spreading bush. Red berries. Female.

*3 inch pot \$3 each ppd. 10 \$22



Ilex Aquifolium

Cornuta Bufordi. 6 ft. Zone VI. Few sharp spines. Good leaf. Red berries.

*3 inch pot
5 \$6.50, 100 \$95.00
12-15 in. BB
\$5.75 each, 10 \$47.50

—Males (pollen)

*3 inch pot
\$2.50 each, 5 \$10
12 in. BB
\$7.00, 5 for \$30.00

Crenata (Japanese Holly). Zone VI. 18 ft. Evergreen leaf and thickset shape. Tolerant. Slow growing.

*6-10 inch X 10 \$9.00, 100 \$55.00
10 inch XX5 \$10.00, 25 \$40.00
2 ft. BB\$7.00 each, 10 \$60.00

—*convexa* (dwarf Japan Holly). Form with shiny gray-green leaves. Not over 4 feet height. Zone V.

*6-8 inch X..10 \$9.00, 100 \$60.00
*12-15 inch X ..2 \$3.00, 10 \$12.50
12-15 in. BB \$5.50 each, 10 \$45.00

—*Helleri*. Very compact, maybe 2 ft., very dense foliage. The best dwarf. Zone V.

*2 in. pot 5 \$4.00 ppd., 100 \$40.00
8-10 in. BB \$4.75 each, 10 \$35.00

—*rotundifolia*. Larger leaf, more vigorous, upright growth. This makes a fine hedge quickly.

*6-8 in. X10 \$7.50, 100 \$50.00
12-18 in. BB \$4.75 each, 5 \$20.00

Glabra (Ink-berry). 6 ft. Zone III. Evergreen, loose bush. Tolerant even in cities. The leaf is dull, the plant only good for background or massing. When sheared becomes dense, neat, bushy.

*8-12 in. (pot) 5 \$4.00, 100 \$55.00
1½ ft. BB....\$5.00 each, 10 \$35.00

ILEX OPACA (American Holly). Tree to 40 feet, hardy to Zone IV. Shiny red berries, dull green leaf. Humus, slightly acid. Our native is a fine, handsome evergreen—well worth planting for its leaves and red berries. We offer two sizes sex unknown, (about half male, half female) from seed.

*3 in. pot. S.....10 \$12, 100 \$95
2 ft. BB\$6.50 each, 10 \$55.00

—**Males** (for pollen) (10) (100)
3 inch pot\$12.00 \$85.00
4 inch pot \$3.00 each 25.00
2 ft. BB \$8.50 each 75.00

—**Females** (for berries)
3 inch pot (6-10 in.) 12.00 95.00
4 inch pot \$3.00 each 25.00
2 ft. BB \$8.50 each \$75.00

Offer A—2 males, 4 females in 3 inch pot size (6 to 10 inch)
6 plants \$7.50 postpaid

Offer B—1 male, 2 females, in 4 inch pot size (12 to 18 inch).
3 plants \$9.50 postpaid

—**Delia Bradley**. Zone V. One of dozens new named kinds, fruits young and steadily. Good leaves. Outstanding.

*3 in. pot \$2.25, 10 \$15.00, 100 \$135
2 ft BB\$8.50 each, 5 \$40.00

—**Old Heavyberry**. Big rich green leaf, very showy berries. Perhaps the best female. Zone IV.

*3 inch pot\$3.00, 5 \$12.00
12-15 inch BB\$6.50 each

—**Merry Christmas**. Female with showy berries. Hardy.

*3 inch pot.....\$2.50, 10 \$18.00
2 ft. BB.....\$8.50, 10 \$7.50

—**Xanthocarpa**. Yellow berries the birds leave alone. Showy.
*3 inch pot.....2 \$3.50, 10 \$12.00

CHOICE ILEX OPACA VARIETIES any 12 for \$9.95

Insured postage paid, 1 year olds, in 2-inch bands. Late May or early June shipment, but order now. (4 to 10 inch size.) Normal loss only 1%. Guaranteed satisfactory arrival.

CHRISTMAS SPRAY: Female. Rapid growing with large leaves, good sized red berries on long stems.

CLARK: Small compact female with upright branches and graceful shiny leaves. Bright red berries.

HOWARD: Vigorous female densely branched and abundant fruitier. Leaves often spineless. Not winter hardy north of Mason-Dixon line, but one of the finest for southern planting.

KOLES ANGELICA: A new female form with leaves and form similar to Arden but deeper green. Good sized berries in profusion.

MAURICE RIVER: Vigorous female with good glossy green foliage and upright habit. Heavy bearer.

MENANTICA: Rapid growing female, setting numerous fruits when only two years old. Foliage deep green with plenty of spines.

MERRY CHRISTMAS: Dependable female with good green leaves. One of the most popular.

MERRY CHRISTMAS CONVEX: Crinkly leaves on compact plant with dark red berries. Plenty of spines.

Pernyi. 10 ft. compact shrub. Zone VI. Small leaves, red berries.

*3 inch pot\$2.50 each, 5 \$7.50

—**Veitch**, larger leaf. Fine bush.
3 in. pot \$2.50 each, 5 \$7.50

Pedunculosa. 25 ft. Zone V. Large untoothed leaves, red berries. Unusual.

—**Female** (berrying form)

*3 in. pot \$2.50, 10 \$20, 100 \$150
2 ft. BB\$10.50 each, 10 \$95.00

—**Male** (for pollen)

*3 inch pot.....\$2.75, 5 \$12.00

Photo: Ilex Opaca

MISS HELEN: Popular female of conical habit with large egg-shaped berries.

NEEDLEPOINT: Foliage small and attractive with very sharp spines as name indicates. Excellent bearing habits.

NORFOLK: A good clon for orchard because of large attractive foliage and heavy berry-bearing habits. Spreading form, thus easy to cut.

PARKTON: Upright and heavy bearing female. Excellent dark green foliage.

RICHARDS: Vigorous growing female with berries in large clusters. Broad flat leaves. Very desirable, but not winter hardy north of Philadelphia. Limited quantity.

SALEM COMPACT: Slow growing dwarf-type female of narrow pyramidal form. Short, thick, leathery leaves. Excellent for restricted areas.

SUBINTEGRA: This form is different. The leaves have no spines but are smooth and leathery. It becomes a large shrub rarely over 12' tall. Large deep red fruits. Hardy to Boston. We offer both male and female: State which you wish.



Hybrid Rhododendrons

Own-root plants grow shapelier than grafts, and are longer lived, with less care and pruning. Also hardier. The following are from open field, dug with ball of earth. They have been pinched to make low, shapely branching. All hardy Zone VI, some extra hardy ones as noted in Zone V.

WHITES

Luciferum. A fine white, good grower.

Catawbiense album. The best white. Zone V.

PURPLE

Purpureum Elegans. Late, bushy, showy. Zone V.

ROSE

Catawbiense Boursault. Shapely lavender.

Roseum Elegans. Very shapely bush. Zone V.

PINKS

Cynthia. Crimson-pink, bushy. Zone V.

Ignatius Sargent. Rose-red. Zone V. Vigorous.

Roseum Superbum. Good pink, good bush.

REDS

America. Neat growth. Fine red.

Charles Bagley. Cherry red. Showy.

Dresselhuys. Big, tall, red. (Each) (5)

12 to 15 inch B&B \$ 7.50 \$30.00

18 in. bushy B&B, some buds 11.00 50.00



RHODODENDRONS. Evergreen shrubs with fine foliage. Range from dwarfs to giants. Bloom from May to July. Acid soil, part shade.

RARE HYBRIDS

Virgin. 9 ft. Zone IV. Seedlings of this hardiest hybrid that come true white from seed. Rare, very useful.

12 in. X.....2 for \$7.50, 10 \$30.00

Wilsoni. 4 ft. dwarf. Zone V. Pink in May. Hardy and neat.

*2 1/4 in. pot.....10 \$15.00
15-18 inches BB.....\$15.00 each

DEXTER HYBRIDS

This new strain, based on *R. fortunei* is hardy in Zone V and shapely and colorful.

Mixed colors mostly pinks.
8-12 in. X....2 for \$5.00, 5 \$10.00

RHODODENDRON SPECIES

Fortunei. 12 ft. Zone VI. Large bluish pink, fragrant, May.
12 in. X.....2 for \$6.00, 5 \$12.50

Racemosum. 4 ft. Zone V. Pink in April. Useful dwarf.
2 1/4 in. pot....2 for \$4.00, 5 \$9.00

Native Species (next page)

HYBRID SEEDLINGS

These in every way resemble named hybrids except:—the color of flowers is unpredictable. They are fairly free to bloom, hardy mostly in Zone V.
*8-10 in. XX..5 \$9.50 ppd., 50 \$70

Offer "A"

10 of any kind, 1 year,
bedded, balled, packed for
shipment. **\$25.00**

Offer "B"

6 of any kind, 1 year field
8 to 10 inch B&B packed
for shipment. **\$25.00**

(either offer, express on arrival about \$4.00)

See also **BANDED** plants, on page 45, for both named kinds and Hybrid Seedling Rhododendrons.



Easy to plant and care for

Native ARISTOCRATS

SIZE 1: AS SMALL AS SAFE TO SHIP 8-12 inch seedlings (1 stem) with ball

This special "Young Aristocrat" grade measures about 12 inches dug with a little earth left on roots, but not burlapped. Plants weigh about one pound only. This stock is not to be compared for a minute with ordinary collected plants. It is, on the contrary, all carefully dug, the greatest pains being taken to preserve the roots. Carefully packed, it is easily planted and makes a quick start. Shipped from North Carolina, express runs only 8c each (in 100 lots).

Rhododendron (25) (100)
maximum \$12.00 \$39.50
carolina 16.00 58.00
catawbiense 16.00 58.00

Leucothoe
Catesbaei 13.50 45.00

Kalmia (Mountain Laurel)
latifolia 13.50 45.00

SIZE 3: Bushy Clumps 1 1/2 to 2 Feet.

Most are budded for at least some immediate bloom. Large enough to use at once for foundations, shrub borders. Allow about 3 ft. space, which they will fill within next few years. \$5.00 each, singly. Any five of the 5 kinds pictured here for \$18.00. (Express costs about \$5.00)

Kalmia latifolia. (Mt. Laurel)
Pink-white, June, ZONE 3, 8 ft.



Leucothoe Catesbaei
White, May, ZONE 5, spreads.

These five flowering evergreen shrubs are shipped from the mountains of North Carolina. They are dug from natural growth in the open (not in woods) hence will succeed in normal garden conditions. Plant mid-Apr. to late May safely. Soak heavily after planting. Mulch heavily.

Rhododendrons low as 39 1/2¢ in few years, with little care, will be bushy \$10 specimens.

OFFER A: 2 each size 1, 10 plants for \$10.50 postpaid.

OFFER B: 5 each size 1, 25 plants \$19.50 (express about \$2.50 on arrival).

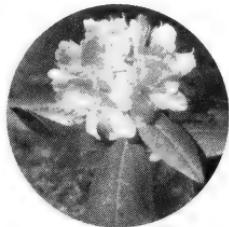
SIZE 2: As Small as Looks Shapely. 8 to 12 in. B&B. Clumps, 4 to 6 Stems.

These "Junior Specimens" weigh about 3 to 5 pounds per plant, individually burlapped. They are 2 years older than Size 1. Express runs about 25 cents per plant. You can expect some blooms the year after planting. These really "look like something" the day they are planted.

Rhododendron (10) (25) (100)
carolina \$16.50 \$39.00 \$132.00
catawbiense 16.50 39.00 132.00
maximum 14.50 32.00 110.00

Kalmia (Mountain Laurel)
latifolia 14.50 32.00 110.00

Leucothoe (Fetterbush)
catesbaei 14.50 32.00 110.00



Rhododendron carolina
Pink, May, ZONE V

OFFER C
1 each of these five plants for \$9.25 postpaid.

OFFER D
5 each of above, 25 plants for \$35 (express about \$5).

SIZE 4: Extra Large Clumps.

These will give you an immediate effect for the least cost. Three kinds only:—

Rhododendron maximum 3-4 ft. B&B
Rhododendron catawbiense 2-3 ft. B&B
Mountain Laurel 3 to 4 ft. B&B

Sold only in boxes of 4 (assorted as you wish) 4 for \$22.50. (Express about \$6.00)

Rhododendron maximum
White, July, ZONE 3, 15 ft.

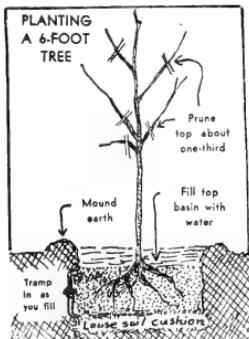


Rhododendron catawbiense
Purple, June, ZONE 4, 10 ft.



Photo:
Cornus florida

On the next 10 pages is an alphabetical list of deciduous trees. Special quantity prices page 48, 49.



DECIDUOUS TREES

HELP IN SELECTING

SHADE TREES

	Poor soil	Wet soil	Tolerance	Faults	Virtues
ACER Negundo (Box-elder)	x	x	x	x	x
A. platanoides (Norway Maple)	x	x	x	x	x
A. rubrum (Red Maple)	x	x	x	x	x
A. saccharum (Sugar Maple)	x	x	x	x	x
BETULA alba (Birch)	x	x	x	x	x
B. populifolia (Gray B.)	x	x	x	x	x
B. papyrifera (Canoe Birch)	x	x	x	x	x
CELTIS (Hackberry)	x	x	x	x	x
FAGUS (Beech)	x	x	x	x	x
FRAXINUS (Ash)	x	x	x	x	x
GINGKO biloba	x	x	x	x	x
GYMNOCLADUS (Coffee-tree)	x	x	x	x	x
PLATANUS (Sycamore)	x	x	x	x	x
P. acerifolia (Oriental Plane)	x	x	x	x	x
POPULUS (Poplar—most kinds)	x	x	x	x	x
QUERCUS palustris (Pin Oak)	x	x	x	x	x
Q. coccinea (Scarlet Oak)	x	x	x	x	x
Q. rubra (Red Oak)	x	x	x	x	x
SALIX (Willow—most kinds)	x	x	x	x	x
TAXODIUM (Bald-cypress)	x	x	x	x	x
TILIA (Linden—most kinds)	x	x	x	x	x
ULMUS campestris (English Elm)	x	x	x	x	x
U. americana (American Elm)	x	x	x	x	x
U. pumila (Siberian Elm)	x	x	x	x	x

ACER dasycarpum (Silver Maple). 100 ft. Zone III. Very fast growing, handsome tree.

*12 inch S \$2.50, 100 \$6.00
5 ft. X \$10.00, 100 \$180.00
6-8 ft. \$3.50 each, 10 \$25.00
8-10 ft. \$5.00, 10 \$35.00

palmatum atropurpureum (Red-Leaved Maple). 10 ft. Any sheltered soil. Open tree-like shrub. Zone V.

Bloodgood. Grafted. The best.
*10 in. 1 yr. \$3.50 each, 10 \$30.00
15-18 in. X \$5.50 each, 10 \$50.00
2-3 ft. \$7.50 each, 10 \$65.00

atropur dissectum (Cutleaf red) Dwarfer. Very bushy. Rare.
12-15 in. graft....\$5.00 each, 5 \$20

ginnala. 25 ft. Zone II. Conspicuous red fruit in summer. Handsome red leaves in autumn.

*8-12 inch S. 10 \$4.50, 100 \$30.00
4-5 ft. ..\$4.00, 10 \$30.00, 100 \$25.00
6-8 ft.\$6.00 each, 5 \$25.00

Pennsylvanicum (Striped Maple) (Moosewood). 30 ft. Zone III. Large bright green leaf. Striking bark striped white.

*4-6 ft.5 for \$9.50, 100 \$175.00

Rubrum (Red or Swamp Maple). 80 ft. Zone III. Majestic drooping pyramid. Red flowers in April. Wet land but tolerant of drainage.

*18 in. S \$5.00, 100 \$15.00
*4 ft. 5 \$7.50, 100 \$125.00
6 ft. \$6.50 each, 10 \$30.00

platanooides (Norway Maple). 60 ft. Zone III. Dense, round headed. Excellent for city streets. Easily grown. Bad in gardens, because of greedy roots.

*6-12 in. S ..25 \$6.50, 100 \$20.00
*4-5 ft10 \$12.50, 100 \$100.00
6-8 ft\$5.50 each, 10 \$50.00
8-10 ft\$8.50 each, 10 \$75.00

—**Crimson King**. A form with dark purple leaves that holds color all summer (Pat. No. 735). 5-6 ft.....\$7.00 each, 10 \$60.00

saccharum (Sugar Maple). 100 ft. Zone III. Hates Smoky cities. Heavy dense, regular pyramid. Autumn color. The most effective country landscape tree.

*12 inch S ..25 \$4.00, 100 \$ 12.50
*4 ft5 \$7.50, 100 \$135.00
*6 ft5 \$15.00, 100 \$225.00
6-8 ft\$6.00 each, 10 \$48.00

spicatum (Mountain Maple). 25 ft. Zone II. Bright red fruit. Bright orange autumn leaves.

*12 inch S ..25 \$5.00, 100 \$ 15.00
4-6 ft 5 \$15.00, 100 \$200.00

AESCRULUS pavia (Red Buckeye). 35 ft. Zone V. Bright red flowers. Neat, handsome, tolerant. 1-1½ ft. X..\$2.50 each, 10 \$20.00

Carnea Briotti (Red Horsechestnut). 50 ft. Zone III. Showy red in May. Rare and beautiful.

5-6 ft.\$16.00 each

Hippocastanum (European Horsechestnut) 75 ft. Zone III. White in May.
4-5 ft.....\$9.50 each, 10 \$80.00



AILANTHUS altissima (Tree of Heaven). 60 ft. Zone IV. Handsome leaves and fruit. Very tolerant.

10 ft.....\$8.00 each, 10 \$60.00

BETULA alba (European White Birch). 40 ft. Zone II. Good white bark. Spreading. Very tolerant tree.

*12 inch S25 \$6.00, 100 \$18.00
4 ft5 for \$15.00, 100 \$250.00
6 ft \$4.50 each, 10 \$35.00
8 ft\$7.00 each, 10 \$55.00

—**Clumps**. Three stems each.

3 ft. clumps \$4.00 each, 5 \$17.50
5 ft. clumps \$7.75 each, 5 \$35.00

ALBIZZIA julibrissin rosea. (Hardy Mimosa). Almost a tree. 18 ft. Zone V. Very rare. Interesting pink flower, when blooms are scarce in July.
4-5 ft.....\$5 ea., \$20

—**Kalkora**. Similar, also extra hardy, white.
2-3 ft.....\$3 ea., 5 \$10



Photo: Chionanthus

papyrifera (Canoe or Paper Birch). 80 ft. Zone II. Whitest bark of all, but yellowish when young. Handsome, long-lived, tolerant.

*12 in. S.....25 \$5.00, 100 \$16.00
*4-5 ft10 \$18.00, 100 \$150
6-8 ft.....\$5.50 each, 10 \$40.00

populifolia (Gray Birch). 30 ft. Zone IV. The common clump of "white" birch in woods. Poor soil. Short lived.

*1½ ft. S25 \$6.00, 100 \$ 18.00
*4-5 ft.10 \$18.00, 100 \$150.00

Photo: Betula papyrifera

TREES GROW QUICKLY—Young trees require little care; are much less expensive to plant than large ones. These reach 30 feet in 15 years: Red Oak, Pin Oak, most Maples, Liriodendron, several Birches, Black Locust and American Linden.

CORNUS—The Flowering Dogwoods

Perhaps the handsomest and easiest grown of all small trees.



Cornus florida plena
Very showy in May.

florida (Flowering Dogwood). 25 ft. Zone IV. Very showy white in May, large red berries October on. Acid, humus. No more sensational sight than a group in bloom.

*12 inch25 \$4.00, 100 \$ 12.00
2 ft. X \$2.25, 10 \$16.00, 100 \$125.00
3 ft. X \$3.50, 10 \$30.00, 100 \$250.00
4-5 ft.\$5.00 each, 10 \$35.00
6 ft.\$8.50 each, 10 \$60.00

—plena (Double Dogwood). Rare form. Showy double white bloom. Finer than the single. Grafts.

*12 inch X5 \$12.00, 50 \$95.00
2½-3 ft.\$5.50 each, 5 \$25.00

—New Super-Red. The nearly-red Dogwood. New. Much darker than rubra.

*6-12 in. X 5 for \$9.00, 25 \$35.00
2-2½ ft.\$7.00 each

—rubra (Pink Flowering). Pink flowers. No real red is known, but the clear pink is a beautiful tone. Plant in with white for best effect.

*12-15 in. X 5 \$11.00, 100 \$155.00
2 ft. X \$2.25, 10 \$16.00, 100 \$125.00
4-5 ft.\$9.50 each, 5 \$45.00

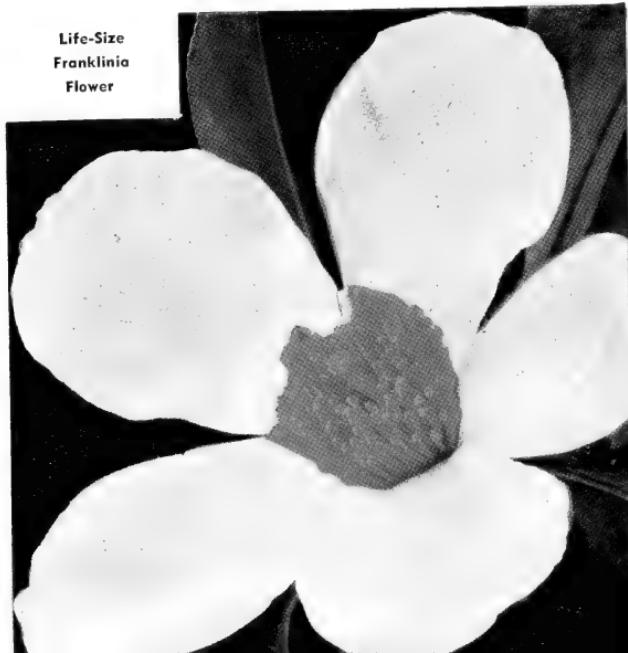
kousa (Japan Flowering Dogwood). 20 ft. Zone V. Like our native C. florida, but in June and more tolerant. Bushier.

*12-18 inch S5 for \$4.50
1½-2 ft.\$4.50 each, 5 \$20.00
3-4 ft.\$7.50 each

—chinensis. Form of Kousa with larger, whiter flowers.
1½-2 ft. X\$5.75 each

mas (Cornelian Cherry). 20 ft. Zone V. A yellow cloud in April. Scarlet berries August. Tolerant.

*12 inch S25 \$10.00, 100 \$35.00
2-3 ft.\$2.50 each, 10 \$18.00



Life-Size
Franklinia
Flower

FRANKLINIA ALATAMAHIA

Ben Franklin's Tree

35 ft. Zone V. Large white and yellow blooms fragrant from August to frost. Damp, acid, heavy, humus, blooms best in Sun. Blooming starts on small plants. An extraordinary native.

Leaves bright red in autumn — often while white flowers still open. The only flowering tree that blooms in late fall. Unlike most trees, small sizes need more "nursing" than larger sizes.

(Each) (10)

*8-12 inch S	.....	\$12.00
18-24 inch	.....	\$4.00 35.00
4-5 ft.	.....	9.00 85.00
5-6 ft.	.....	12.00 100.00
6-7 ft.	.....	16.00

CATALPA *speciosa* (Western Catalpa). 80 ft. Zone IV. Hand-some pyramid. Spotted white in June. Showy. Timber durable in water.

*1½ ft. S 10 \$2.50, 100 \$12.00
6 ft. ...\$5.25, 10 \$35.00, 100 \$200.00

CELTIS *occidentalis*. 100 ft. Zone II. Good straight timber, handsome. Moist. Stands city smoke.

*12 inch S ...25 \$3.00, 100 \$9.00
4-5 ft.\$4.50 each, 10 \$30.00
6-8 ft.\$7.50 8-10 ft.\$9.50

CERCIDIOPHYLLUM *japonicum* (Katsura). 40 ft. Zone IV. Dense pyramid. Handsome leaf, yellow in fall.

2-3 ft.\$7.50 each, 3 \$20.00
8-10 ft.\$20.00 each

CERCIS *canadensis* (Red Bud). 20 ft. Zone IV. Rosy pink buds cover bare branches in April. Humus. Beautiful. Part shade.

*12 inch25 \$3.00, 100 \$9.00
3-4 ft.\$2.50, 10 \$18.00, 100 \$125
4-5 ft.\$4.50, 10 \$30.00, 100 \$200
5-6 ft.\$5.00, 10 \$40.00, 100 \$350

—*alba* (White Bud). Rare and showy white form of Red Bud.
2-3 ft. \$8.00 ea.—3-4 ft. \$10.50 ea.

chinensis (Chinese Red-bud). 40 ft. Zone VI. More, larger, darker flowers than our native.

*12 inch S25 \$5.00, 100 \$15.00
3-4 ft.\$3.25, 10 \$20.00, 100 \$150

CHIONANTHUS *virginica* (White Fringe). 25 ft. Zone IV. Fragrant white tassels in May. A slow tree, but worth waiting for. Good drainage.

18-24 in. X .2 for \$4.00, 10 \$15.00
12-18 in. X 2 for \$3.00

retusus. 18 ft. Zone V. Similar, and as handsome as the above. Blooms June-July, when few trees bloom. Rare.

*3 inch pot. .2 for \$3.95, 10 \$16.00

CASTANEA (Chestnut) page 60

CARYA (Hickory) page 60

CORYLUS (Hazel) page 60

CLADRASTIS *lutea* (Yellow-wood). 50 ft. Zone III. Fragrant, white in June. Stands drought. Deep roots.

*12-15 in. X 2 for \$3.00, 10 \$10.00
2-3 ft.\$2.75, 10 \$20.00, 100 \$150
4-6 ft.\$5.00, 10 \$40.00, 100 \$350

COTINUS *coggygria* (Smoke-Tree). (Purple Fringe). 20 ft. Zone V. Oct. Wash of feathery purple covers entire plant.

3-4 ft. X\$3.75 each, 5 \$15.00
6-8 ft. X\$5.00 each, 5 \$20.00

—**Royal Purple**. Form with darker purple-bronze bloom, purple leaves, all summer. Outstanding.
2-3 ft.\$4.50 each, 2 for \$8.00

CRATAEGUS *cordata* (Washington Thorn). 20 ft. Zone IV. Round head, bushy. Red fruit all winter.

2 ft. \$2.50, 10 \$18.00, 100 \$125.00
5-6 ft. \$4.50 each, 10 \$35.00

oxyacantha Crimson Glory (Red May Tree). 20 ft. Zone IV. Showy Red flower in May, fragrant. Red autumn fruit.

*1 yr. graft 5 for \$8.50, 25 \$35.00
3 to 4 ft. \$4.50, 10 for \$30.00

—**splendens** (Paul Scarlet Hawthorne). Form with showy red flowers. Grafted. Red berries. Prefers sun, lime, and heavy soil even clay. (Manure light soil.)

2-3 ft.\$3.50, 10 \$30.00
4-5 ft.\$5.00 each, 10 for \$45.00

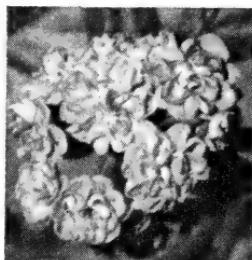
FAGUS *sylvatica* (European Beech) 80 ft. Zone IV. Lime, drain. Slow. Casts dense shade.
*8-12 in. S 25 \$6.50, 100 \$20.00

—*riversi* (Purple). Reddish-purple leaves. Handsome, bushy tree.

*1 yr. graft 10 \$18.00, 100 \$150.00
2-3 ft. X \$6.00 ppd., 5 \$25.00
4-5 feet \$12.50 each

—*fastigiata*. (Upright Beech). A narrow column, very useful form.
4-5 feet \$12.50 each

TREES



Crataegus Splendens



Cercis Canadensis
Cladrastis lutea





Laburnum blooms like long golden wisterias

LABURNUM vossii (Hybrid Golden Chain). 35 ft. Zone V. Hardier and freer to bloom than ordinary Laburnum. A clearer yellow color. Lime. Bright green stems in winter.

4-5 ft. ... \$5.75 each,
10 \$55.00
5-6 ft. \$7.00
6-8 ft. \$9.00

FRAXINUS americana (White Ash). 100 ft. Zone III. Vigorous, tolerant. Stands moist soils.
*12-18 inch S ..25 \$2.50, 100 \$6.00
4-5 ft. 5 \$6.75, 100 \$120.00
6-8 ft. \$4.00 each, 5 \$10.00

Ornus (Flowering Ash). 60 ft. Zone V. White, fragrant, long showy panicles, late May. Surprising and pleasing.

*12 in. S..10 for \$8.00, 100 \$45.00
2-3 ft. \$4.00 each, 10 \$30.00
4-5 ft. \$6.50 each, 10 \$50.00

GINKGO biloba (Maidenhair Tree). 100 ft. Zone IV. Slow, but tolerant of city conditions.

*12-18 inch S 10 \$7.50, 100 \$55.00
2-3 ft. X2 for \$5.50, 10 \$25.00
3-4 ft. \$3.75 each, 10 \$30.00
6-8 ft. \$15.00 each, 10 \$125.00

GLEBITSIA tricanthos inermis (Thornless Honey Locust). 100 ft. Zone IV. Rich soil, sun. Good timber and good stock feed.

*1-1½ ft. ...25 for \$2.75, 100 \$9.00
6-8 ft.\$5.50 each, 10 \$40.00

—**Moraine Locust.** Form with no thorns and no fruit, hence does not litter a lawn. A useful tree.
5-6 ft.\$6.50 each, 5 \$25.00

—**Sunburst Locust.** New seedless form. 8 inches of new growth gold, remainder green. Seems in bloom all summer.
4-5 ft.\$6.75 each, 10 \$60.00

HALESIA tetrapeta (Great Silverbell). 25 ft. Zone IV. Profusion of white bells nod in May. Acid, humus.

4-5 ft. \$5.50 each, 10 \$45.00

—**monticola** (Mountain Silverbell). Larger to 60 ft. Zone V, otherwise similar to above.

2-3 ft. \$3.00 each, 10 \$25.00
5-6 ft.\$5.50 each, 5 \$22.50

JUGLANS nigra (Black Walnut). See also page 60. 120 ft. Zone IV. Rich moist. Majestic. Handsome leaf, delicious nuts.
*1 ft. S25 \$4.50, 100 \$14.00
4-5 ft. \$3.50 each, 10 \$20.00

KOELREUTERIA paniculata (Golden Rain Tree). 25 ft. Zone V. Sun, lime, dry. Large golden clusters in July. Showy.

*12-18 inch S 10 \$6.50, 100 \$50.00
4-5 ft.\$5.50 each, 10 \$45.00
5-6 ft.\$6.50 each, 10 \$55.00

LARIX decidua (European Larch). 100 ft. Zone II. Shapely pyramid with "needle" leaves.

*12-15 in. X 25 \$20.00, 100 \$65.00
3-4 ft. BB\$5.75 each

Liquidambar (Styraciflua) (Sweet Gum). 100 ft. Zone IV. Symmetrical tree. Brilliant fall color.

*12 inch S10 \$3.00, 100 \$15.00
4-5 ft. 5 \$10.00, 100 \$175.00
6 ft. BB\$6.50 each, 5 \$25.00

Liriodendron tulipifera (Tulip Tree). 150 ft. Zone IV. Majestic giant, with yellowish tulips in June. Humus.

*12 inch S 10 \$2.50, 100 \$10.00
4 ft.5 \$9.00, 100 \$150.00
6-8 ft. \$3.50, 10 \$30.00, 100 \$250
10-12 ft.\$7.00 each, 10 \$60.00

Photo: Magnolia Soulangeana

MAGNOLIAS

Magnolia glauca (Swamp Laurel). 16 ft. Zone V. Prefers moist, but tolerant. Semi-evergreen. White blooms scattered from June to August. Fragrant.

*2½ inch pot 10 \$8.50, 100 \$60.00
4 in. pot (18") 2 \$4.50, 10 \$18.00
2-3 ft. BB .. \$8.00 each, 10 \$70.00

grandiflora (Great Southern Magnolia). Zone VI, if protected. For experimenters.

4 in. pot (18") 2 \$4.50, 10 \$18.00
2-3 ft. BB\$8.75 each, 5 \$40.00

kobus. 30 ft. shrubby. Zone V. White, May. Young trees flower.
4-5 ft. \$9.50 each, 10 \$80.00



Tree Aristocrats

soulangeana (Saucer Magnolia). 20 ft. Zone V. Late April show of large rose-purple blossoms, white inside. A hybrid species, including handsome varieties. Drain. 18 inch \$4.75, 10 \$40.00, 100 \$350 3-4 ft. BB\$7.50 each, 10 \$68.00

—Rustica Rubra. Larger, dark 2-3 ft.\$7.00 each, 5 \$30.00

—Grace McDade. Very large pink. 3-4 ft. BB \$10.00 each

purpurea (Liliflora). 9 ft. shrub. Zone V. Purple outside, almost white inside.

2-3 ft. BB \$7.00 each, 10 \$60.00

macrophylla (Big-leaf Magnolia). 60 ft. Zone V. 18-inch leaves, foot-wide flowers May, fragrant. 5 ft. X\$6.00 each, 10 \$45.00

stellata (Star Magnolia). 12 ft. Shrubby. Zone V. Early April, ribbony, white, fragrant bloom. 2-3 ft. BB \$9.50 each, 10 \$85.00

—Dr. Merrill. A hybrid stellata that is easy to transplant, fast growing. Hardier. 18-24 in. X \$12.50 each ppd.

—waterlily. New, harder, bluish-white form. Very double blooms in late April. Bushy growth.

12-15 inch X \$5.00 each, 5 \$20.00 2-3 ft.....\$8.00 each, 5 \$37.50

MALUS-Flowering Crabs

Vigorous, hardy, and breathtaking. Zone III to V. Easy to grow. Showy in May. Crabapples will grow well on the sea-shore, where few plants thrive.

*1 yr. grafts .5 \$6.50, 25 \$25.00 2-3 ft\$1.95 each, 10 \$15.00 4-5 ft\$3.00 each, 10 \$25.00

Almey. Bright red flowers and fruit. New. Outstanding.

Baccata columnaris. Narrow column. Red bloom, scarlet fruit.

Eleyi. Big red flower and fruit.

Floribunda. 18 ft. Pink, white.

Flor. purpurea. Purple leaf form.

Henrietta Crosby. New. Bright red fruit annually.

Hopa. Entirely covered. Rose blooms, red fruit. Zone III.

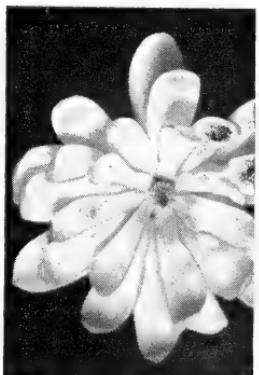
Jay Darling. Red leaf, flower, fruit. Good jelly.

Lemoine. Purple leaf, dark red flower and fruit.

Micromalus. Small bush and berry. Upright.

Sieboldi Callicarpa. White flower, red fruit.

Zumi calicarpa. Large pinkish. Fruit red. Popular.



Magnolia Waterlily

METASEQUOIA (Dawn-redwood.) Deciduous. The new living fossil conifer from western China. Hardiness probably Zone II. One of the rarest trees.

1-1½ ft. \$6.75 each, 5 \$30.00
3-4 ft. ... \$14.50 each, 2 \$25.00

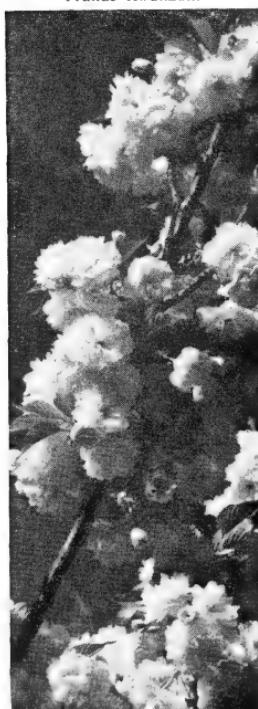
MORUS alba (Russian Mulberry). 30 ft. Zone IV. Round-topped tree. Fruit white to purple, edible.

*2 ft. S 25 \$3.00, 100 \$9.00
4 ft. X 5 \$8.00, 100 \$135.00

NYSSA sylvatica (Tupelo). 60 ft. Zone IV. Interlaced, drooping. Early autumn color. Moist. Hard to transplant.

*12 in. S ..10 for \$3.00, 100 \$18.00
2-3 ft. BB .. \$3.50 each, 10 \$30.00

Prunus Kwanzan.



OXYDENDRUM arboreum (Sorrel Tree). 30 ft. Zone IV. Peach-leaves turn red in autumn. Long clusters of white in July and August. Acid.

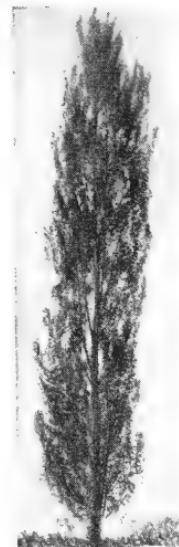
*12-18 in. S ..25 \$5.00, 100 \$15.00
1-1½ ft. X \$1.50, 10 \$12.50, 100 \$95
4-5 ft. X \$3.50, 10 \$17.50, 100 \$125

PAULOWNIA tomentosa (Empress Tree). Large violet blooms early May, before leaves. 40 ft. Zone VI. Often winter damaged, but recovers. Fragrant and beautiful.

4-5 ft. \$4.50 each, 2 for \$8.50

PHELLODENDRON amurense (Amur Cork-tree). 50 ft. Zone III. One of the best small shade trees. Conspicuous gray bark.

*8-12 inch S.10 \$6.00, 100 \$30.00
2-3 ft. X \$2.25, 10 \$15, 100 \$100
4 to 5 ft. \$4.50 each, 10 \$35.00



Lombardy Poplar

Prunus – Flowering Fruit

JAPANESE CHERRIES

Serrulata Amanagawa. 20 ft. Zone V. Erect, narrow column, blush-pink in late May.
4 to 6 ft. \$8.50 each, 3 \$22.00

—kwanzan. Easily the darkest pink. Fully double, large flowers. Zone V.

3 to 4 ft. \$4.50 each, 5 \$20.00
4 to 5 ft. \$5.50 each, 5 \$25.00

subhirtella pendula (Weeping Cherry). In May, a fountain of pink. 12 ft. Zone V. Low-branched.

4 to 5 ft. \$5.00 each, 5 \$20.00
6 to 8 ft. \$8.50 each, 5 \$35.00

—Autumnalis. Pink in October.
*1 yr. graft .. 5 \$8.50, 25 \$25.00
3-4 ft. X .. \$3.00 each, 10 \$25.00

—Hally Jolivette (Pink mist cherry.) Compact, fine branched, a fluffy ball of pink in May. New, very unusual.

*1 yr. graft .. \$3.00 each, 10 \$25
4-5 ft. \$6.50, 10 for \$55.00

triloba Newport. (Purple-leaf Plum). 12 ft. Zone IV. Pink flowers in May. Dark purple foliage, even in summer. A fine small lawn tree.

4-5 ft. \$2.95 each, 5 \$12.50

padus commutata (May Day Cherry). 40 ft. Zone III. Edible black fruit.

*1½ ft. S 10 for \$7.00, 100 \$20.00
4 to 5 ft. 5 for \$20.00, 100 \$300.00

FLOWERING PEACH

Persica. 18 ft. Zone IV. Very showy, bright colors. Double flowers in May. Order RED, PINK, or WHITE.

3-4 ft. \$2.50 each, 5 \$8.00
(One each all 3 colors \$5.50 ppd.)

FLOWERING PEAR

Pyrus calyryana. 20 ft. Zone V. Very shapely, glossy leaf, showy white in May. Superb.

*18 inch 5 for \$10.00
4-5 ft. \$10.00 each

PLATANUS occidentalis (Sycamore). 120 ft. Zone IV. Giant, dignified native shade tree. Tolerant but prefers moisture.

*1 in. S 25 \$3.00, 100 \$9.00
4-5 ft. 5 \$6.25, 100 \$95.00
6-8 ft. 5 \$11.25, 100 \$175.00
8-10 ft. \$6.00 each, 10 \$30.00

—“Orientalis” (Acerifolia) (Plane). 90 ft. Zone (V), VI. Good city tree.

*4-5 ft. X 10 for \$24.00, 100 \$180
6 to 8 ft. \$4.50 each, 10 \$40.00

POPULUS bolleana (Bolleana Poplar). 40 ft. Zone II. Narrow column, hardy and disease-free. Better than Lombardy. Green leaf, white beneath.

4 ft. 5 \$8.50, 100 \$150.00
6 ft. \$4.50, 10 \$32.00, 100 \$250.00

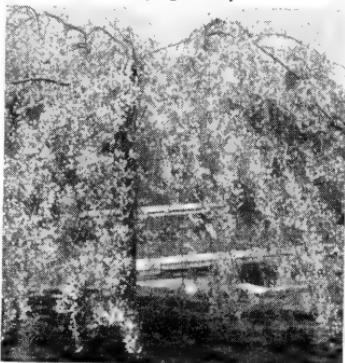
—**nigra italicica** (Lombardy Poplar). 60 ft. Zone II. Quick column. Popular but prone to disease. Very tolerant as to soil.

*18-24 inch .25 \$3.50, 100 \$10.00
5-6 ft. \$1.50, 10 \$8.50, 100 \$65.00
6 ft. \$2.00, 10 \$15.00, 100 \$100.00

—**carolina**. (Norway Poplar.) 90 ft. Zone II. A straight very fast growth, clean variety.

*4 ft. S. 25 \$9.00, 100 \$32.00
5-6 ft. 5 for \$6.50, 100 \$95.00

Weeping Cherry

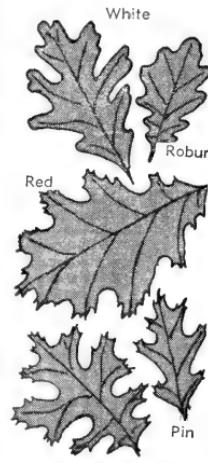


* = young, unformed. X = transplanted.
BB = ball of earth. Plants not marked: well shaped.

TREES



Quercus palustris (Pin Oak)



Oak Leaves

Quercus - The Oaks

The most long-lived of native trees. Not so slow—see Page 17. Handsome and desirable. The best shade for Rhododendron.

alba (White Oak). 90 ft. Zone IV. Noble, spreading tree.

*12 inch S 25 \$6.50, 100 \$20
*3-4 ft. X 10 \$9.50, 100 \$65
6-8 ft. \$9.50 each, 10 \$80

palustris (Pin Oak). 90 ft. Zone IV. Damp or dry soil. A fine street tree. Fast-growing.

*12 inch S 25 \$6.50, 100 \$20
4-5 ft. 5 \$17.00, 100 \$300
5-6 ft. \$5.00 each, 10 \$40
6-8 ft. \$6.50 each, 10 \$50

coccinea (Scarlet Oak). 80 ft. Zone IV. A neater Red Oak, finer autumn leaf.

*12 inch S 25 \$6.50, 100 \$20
*4-5 ft. 5 \$12.50, 100 \$180
6-8 ft. \$9.50 each, 10 \$80

rubra (borealis) (Red Oak). 60 ft. Zone IV. Likes clay. Handsome.

*12-18 in. S 25 \$6.50, 100 \$20
*4-5 ft. 5 \$12.50, 100 \$180
6-8 ft. \$9.50 each, 10 \$80

macrocarpa (Bur Oak). 75 ft. Zone II. Handsome, hardy.

*12 inch S 25 \$6.50, 100 \$20
6-8 ft. \$9.50 each, 10 \$80

ROBINIA pseudacacia (Black Locust). 70 ft. Zone IV. Dry, sandy soil. The drought tree! Showy, fragrant white, June. 2-3 ft. S 25 \$3.50, 100 \$9.50

SALIX alba Vitellina (Russian Golden Willow). 40 ft. Zone II. Branches are bright startling yellow. Damp soil.

*1½ ft. 25 \$5.00, 100 \$15.00
*4-5 ft. \$2.50, 10 for \$15.00

—babylonica (Babylon Weeping). 30 ft. Zone V. Green fountain. Near, but not in water. *1½ ft. 10 \$2.75, 100 \$20.00
*4 ft. 5 \$6.25, 100 \$110.00
6-8 ft. \$3.75, 10 \$25.00, 100 \$200.00

—blanda (Wisconsin Weeping). More vigorous hybrid of Babylonica. Spreading head, weeping. Zone IV.

*4 ft. 5 for \$6.25, 100 \$110.00
6-8 ft. \$4.00 each, 10 \$30.00

—Gracilis (Rose-Gold Pussy Willow). 9 ft. Zone V. Large colored catkins, very showy.

4-5 ft. \$5.00 each, 10 \$40.00

—niobe (Golden Weeping). 40 ft. Zone II. Drooping yellow. 4-5 ft. 5 \$6.25, 100 \$110.00
6-8 ft. \$5.00 each, 10 \$35.00

—Matsudana tortuosa (Cork-screw Willow). 25 ft. Zone IV. Rare and a great novelty. Up-right, but twisted and pleasingly picturesque.

*2-3 ft. X \$2.00, 10 \$12.50
5-6 ft. \$4.00, 10 \$30.00

—nana purpurea (Arctic Willow). Blue leaved dwarf to Zone I. Grows anywhere, even damp clay. Not over 4 ft., bushy, nice foliage. Excellent for low edging. *12 in. X 10 for \$5.50, 100 \$45.00

SOPHORA japonica (Pagoda Tree). 75 ft. Zone IV. White in August. Showy and rare.

*12 in. S 10 for \$4.80, 100 \$35.00
4-5 ft. \$6.75 each, 5 \$32.50

—pendula. Form of above with tortuous limbs, weeping.

18-24 inch \$2.50 each, 2 \$4.00

These three *Sorbus* like woody loam. The Mountain Ash is fine bird food for quail and pheasant.

SORBUS aucuparia (Mountain Ash). (Rowan Tree). 30 ft. Zone II. Clusters of orange in August. Showy.

*12 in. S 25 \$9.50,
100 \$30.00

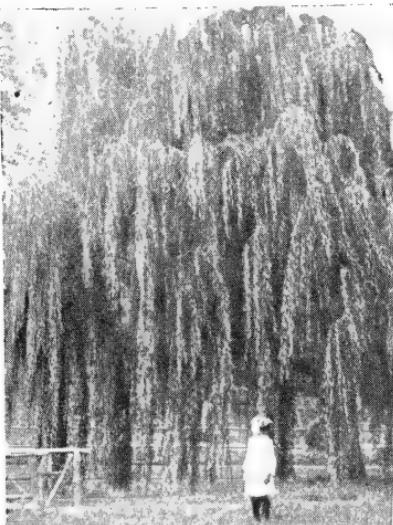
1½ ft. X 10 \$10.50,
100 \$78.00

4 ft. .. \$3.50, 10 \$25
6-8 ft. \$4.50, 10 \$35

—Aria (White Beam). Zone V. 50 ft. Handsome leaf, scarlet berry in fall.

5-6 ft. .. \$10.50 each

—Tianschanica. (Dwarf Mountain-Ash). 18 ft. Bushy. Red berries. Zone V. 12 to 18 in. X \$3 ea.



Salix Babylonica



Berries of Sorbus (Mt. Ash) in August

STEWARTIA ovata (pentagona). 15 ft. Zone V. Very showy white cups 3 inches across, July-Aug. Large bright green leaf shows orange in fall. One of the handsomest shrubby small trees.
 3-4 ft. \$4.00 each, 5 \$15.00
 4-5 ft. \$6.00 each

pseudocamellia. 60 ft. Zone V. White cups in July. Good foliage turns purple in fall. Rare beauty.
 2-3 ft. X \$6.00 each, 5 \$25.00
 4-5 ft. \$8.50 each

S Y M P L O C U S paniculata (Sweetleaf). 35 ft. Zone V. Showy white flowers in May, brilliant blue berries in Sept. An unusual and very choice tree. Easily grown.
 1½-2 ft. \$3.00 each, 2 \$5.00
 2-3 ft. \$4.00 each, 2 \$7.50

TAXODIUM distichum (Bald Cypress). 80 ft. Zone V. Is not evergreen, but looks like one. Graceful, feathery pyramid. Very fine shade tree. Tolerant.
 *18-24 in. S 5 \$4.00, 25 \$15.00
 4-5 ft. \$4.50, 10 \$35.00, 100 \$250.00

T I L I A americana (American Linden). 100 ft. Zone II. Fine, large tree for avenues. Vigorous.
 *2 ft. X 10 \$9.50, 100 \$85.00
 4-5 ft. X 10 \$18.50, 100 \$145.00
 6-8 ft. \$6.75 each, 10 \$35.00
 8-10 ft. \$8.00 each, 10 \$65.00

Cordata (Little-leaf European Linden). 90 ft. Zone III. Handsome, dense foliage.

*12 in. S 25 \$12.00, 100 \$40.00
 *3-4 ft. X \$3.50, 10 \$25.00
 6-7 ft. 8.00, 10 \$70.00, 100 \$650.00
 8-9 ft. \$9.50, 10 for \$80.00

Euchlora (Hybrid European). 60 ft. Zone V. Handsomest of avenue Lindens. Fragrant flowers in July. Tolerant.
 8-10 ft. \$20.00, 10 for \$150.00

ULMUS americana (American Elm). 100 ft. Zone II. Most beautiful native tree. Tolerant, even of flooded land. Subject to blight near New York.

*2 ft. 25 \$3.00, 100 \$9.00
 5-6 ft. 5 \$9.00, 100 \$150.00
 6-8 ft. \$5.50 each, 10 \$35.00
 8-10 ft. \$6.50 each, 10 \$40.00

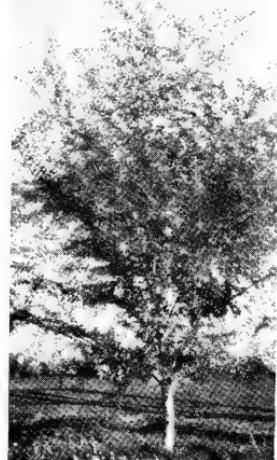
Carpinifolia C. Buisman (Blight-free European Elm). 90 ft. Zone IV. Resistant to all Elm diseases. New, very promising. Broadly pyramidal.

*1 yr. graft \$3.00, 5 \$10.00
 6-8 ft. \$9.50 each, 10 \$70.00

Improved Coolshade Elm (Pat. 1747). 70 ft. Zone III. Resistant to disease. Tolerant of soils. Very fast growth, and good form.

*3-4 ft. X 5 for \$9.50, 100 \$175.00
 5-6 ft. \$5.50 each, 10 \$48.00
 8-10 ft. \$10.00 each, 10 \$90.00

TREES



Above: Chinese Elm

Below: Stewartia in bloom



pumila (Siberian or Chinese Elm). 45 ft. Zone IV. Neat, small, bushy tree. Very tolerant of dry land. Permanently desirable tree. Makes an excellent sheared hedge.

*2-3 ft. S 25 \$4.00, 100 \$10.00
 *4-5 ft. 10 for \$15.00, 100 \$110.00
 6-8 ft. \$3.75, 10 \$25.00, 100 \$195

WISTERIA "Tree". Blue Chinese wisteria grown to one-stem form. Can be kept trimmed to 6 or 8 ft. specimens. Not much trouble, and very showy indeed.

3-4 ft. grafted plants \$5.95 ppd.

ZELKOVA Serrata (Japanese Keaki). 90 ft. Zone V. Short trunk, many upright stems. An elm relative resistant to all disease. Makes a fine substitute for American Elm.

3-4 ft. X \$3.50, 2 for \$6.00
 6-8 ft. \$9.00, 5 for \$40.00



Pinus



Taxus



Tsuga



Abies

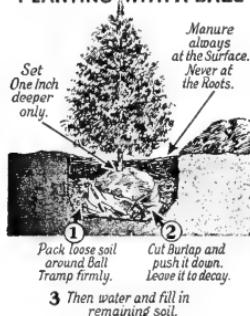


Chamaecyparis

PLANTING EVERGREENS



PLANTING WITH A BALL



ABIES balsamea (Balsam Fir). 60 ft. Zone III. Dark, shapely pyramid. Needs cool moist soil.

*4-6 in. S 25 \$4.00, 100 \$9.50
*4-6 in. X 25 for \$8.00, 100 \$20.00
2-1/2 ft. BB \$7.50 each, 10 \$60.00

concolor (White Fir). 50 ft. Zone IV. Dense pyramid silver green. Drainage. Tolerant in cities. Softest silver—almost white.

*4-6 in. V .. 25 \$7.50, 100 \$22.00
*9-12 in. XX 10 \$13.00, 100 \$100
2 feet BB \$12.00 each

douglasii (pseudotsuga taxifolia) (Douglas Fir). 70 ft. Zone IV. Evergreen tree. Handsome pyramid. Prefers rich soil. Tolerant.

*4-6 in. X 25 \$6.00, 100 \$20.00
*12-18 in. XX 25 \$25.00, 100 \$95
2-1/2 ft. BB \$7.50 each, 10 \$65

Fraseri (She-Balsam). 80 ft. Zone IV. Better in Zone V South.

*6-12 in. S 25 \$5.50, 100 \$18.00
12 in. BB (collected) 10 \$12.50

SPACING EVERGREENS. Plants from 1 to 3 feet high should be spaced 3 feet apart. Rearranged after 5 to 10 years.

CEDRUS deodara (Deodar Cedar). 100 ft. Zone VI. Graceful pyramid. Unusual foliage.

*6-1 in. S .. 10 \$4.50, 100 \$35.00
*4 in. pot .. 2 for \$5.00, 10 \$20.00
2-1/2 ft. BB .. \$7.00 ea., 10 \$50.00

—**Libani** (Cedar of Lebanon). 90 ft. Zone V. Picturesque and stately. Rare.

*4 in. pot .. 2 \$5.00 ppd., 10 \$20

Atlantica (Mt. Atlas Cedar). 90 ft. Zone VI. Blue-green stately pyramid. Scarce.

*8-12 in. X 2 for \$3.00, 10 \$12.50

—**glaucia**. Blue-needle form.
18" BB (3 yr. graft) \$7.00 each

12 to 15 INCH SPECIMEN EVERGREENS (POT BALLED) — PRICES POSTPAID

We have at last found a way to get balled evergreens to you at reasonable cost. We offer ten kinds at the right, priced postpaid each. All plants are young specimens, growing in earth, in paper pots. Shipped in a special carton that holds exactly two. Please order in lots of 2, 4, 6, etc. Assort any way you wish. This is a large saving over B&B evergreens, which cost for same size around \$3. each just for express, and even in larger amounts, usually \$2. or more, each. For description see pages following.

JUNIPER <i>pfitzer</i>	.....	\$3.90
Sabina	.....	3.90
PICEA <i>densata (Black Hill Spruce)</i>	.....	3.90
<i>pungens</i> (Colorado Spruce)	.....	3.90
PINUS <i>sylvestris</i>	.....	3.50
TAXUS <i>cuspidata (Yew)</i>	.....	4.95
<i>Capitata</i>	.....	4.95
THUJA <i>occidentalis</i>	.....	3.50
<i>pyramidalis</i>	.....	3.90
<i>globosa</i>	.....	3.90



Picea



Cedrus



Juniper

Evergreens

(Quantity Prices Page 46)

Pages 26 to 33

CRYPTOMERIA *ja-ponica*. 80 ft. Zone V. Pyramid with unusual evergreen foliage.
*3-in. pot 5 \$7.00
2-3 ft. BB \$10.00 ea.

—*japonica nana*. Dwarf, dense, spreading. Unique.

2 1/4-in. pot
2 for \$2.75, 10 \$9.50

—*japonica lobbi*. Compact to 30 ft. Good narrow pyramid.

*2 1/4-in. pot 5 \$3.00

Chamaecyparis

“Retinospora” (Japan Cypress). Evergreen trees of easy culture.

obtusa gracilis (Hinocki Cypress). 10 ft. Zone III. Acid, humus, moist. Ornamental, slow. Slender. Dark green column.
18-24 in. BB \$7.50 each, 10 \$65.00

—*minima glauca*. Dwarf, blue foliage. Interesting, handsome.
4-inch pot \$3.25, 10 for \$27.50

—*nana* (Dwarf Hinocki). A 5 ft. dwarf that looks ancient when it is born. Excellent in rock gardens.

*4-6 in. X .. 10 \$11.00, 100 \$75.00
*8 inch X .. 2 for \$4.00, 10 \$18.00

PHOTO: 3. C. *plumosa*.
4. C. *squarrosa* Veitchii.
5. C. *filifera*. 8. Hedge of *Chamaecyparis plumosa*. 12. *Chamaecyparis obtusa nana*.

8

pisifera (Sawara Cypress). 35 ft. Any good soil. Loose growth. Makes a quick pyramid tree and stands harsh exposures. Zone III.
*4-6 in. X 10 \$7.00, 100 \$45.00
2 ft. BB \$6.50 each, 10 \$60.00

plumosa (Plumed Cypress). 35 ft. Feathery pyramid. Good hedge plant. A good accent tree. Often used in foundation plantings, but not suitable really. Zone III.

*6-8 in. X 10 \$8.50 ppd., 100 \$50
*12-18 in. X 5 \$6.75 ppd., 100 \$90
2 ft. BB \$6.50 each, 10 \$60.00

—*aurea* (Gold-Plume). 25 ft. Good yellow color at tips. An interesting tree.

*10-12 in. X .. 10 \$9.50, 100 \$70
1 1/2 ft. BB \$6.00 each, 10 \$45.00

squarrosa veitchii (Silver Moss Cypress). Unusual. 20 ft. Dense, woolly silver foliage unlike any other evergreen. Apt to winter damage north of Zone VI.

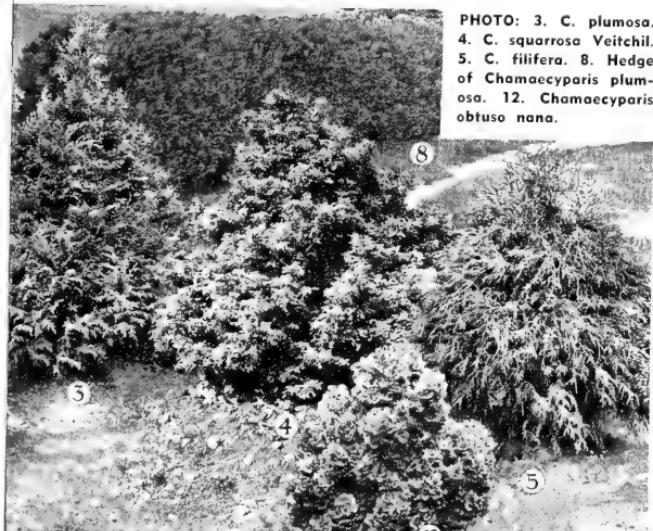
*4-6 in. X 10 ppd., \$7.50, 100 \$50
2 1/2 ft. BB .. \$7.50 each, 10 \$60.00

—*pygmaea*. Dwarf form, about 6 ft. Silver foliage.

*6 to 8 in. X 10 \$8.50, 100 \$55.00
4 in. pot \$3.00 each, 10 \$25.00

—*Cyano viridis*. Blue, as in Koster's Spruce. Compact bush.

*6-8 in. X .. 10 \$9.00, 100 \$60.00
*10-12 in. X .. 5 \$7.50, 100 \$90.00
12-18 in. BB \$5.00, 10 \$45.00



Juniperus

Evergreens that succeed even in well-drained soil in full sun.

chinensis pfitzeriana (Pfitzer Juniper). 6 ft. Zone IV. Gorgeous bush, a cloud of silver in spring, then bright green. Spreads picturesquely. Stand soot, smoke, and drought in city plantings.

*4-6 in. X ...10 \$6.50, 100 \$45.00
*2 1/4 in. pot ...10 \$8.50, 100 \$65.00
*12-15 in. XX 10 \$20.00, 100 \$160
18-24 in. BB \$6.50 each, 10 \$50.00

Pfitzer aurea (Golden Pfitzer) form with bright yellow tips.

*12 in. X2 for \$2.75, 10 \$12.00
18 in. BB\$8.00 each 10 \$65.00

pfitzer hetzi. Vigorous variety with blue-silver color. Fine. New. Better growing habit than Pfitzer.

*4-6 in. X .. 10 \$6.50, 100 \$50.00
*9-12 in. XX 10 \$16.00, 100 \$115
1 1/2 ft. BB .. \$6.00 each, 10 \$50.00

horizontalis (Creeping Savin). 2 ft. Zone II. Flat spreading, covers large areas.

*4-6 in. X10 \$6.00, 100 \$45.00
15-18 in. BB\$6.00, 10 \$50.00

—Bar Harbor. Famous but scarce. Very dense and neat.

*2 1/4 in. pots 10 \$8.50, 100 \$50.00
18-24 in. BB \$9.00, 10 \$75.00

—plumosa (Andorra Juniper). A dense, low mat, with soft crested plumes that turn purple in winter.

*6 in. X10 \$7.00, 100 \$55.00
*12-15 in. XX 10 \$16.50, 100 \$125
18-24 in. BB \$6.50 each, 10 \$45.00

—Douglasii (Waukegan Juniper). Dense low mat of steel blue foliage.

*9-12 in. XX 10 \$14.00, 100 \$110
12-15 in. BB \$6.75 each, 10 \$55.00

communis hibernica (Irish Juniper). 15 ft. Zone III. Green column. Popular. This makes a fair substitute for the thin spires of true Cypress.

*6-9 in. X ... 25 \$12.00, 100 \$40.00
*9-12 in. XX 10 \$9.00, 100 \$75.00
2 ft. BB\$5.00 each, 10 \$40.00

excelsa stricta (Greek Juniper). 6 ft. Zone V. Blue, stiff, fat pyramids. A fine dwarf, very neat, but rather formal.

*4-6 in. X10 \$6.00, 100 \$45.00
15-18 in. BB \$4.75 each, 10 \$40.00

sargentii (Sargent). 3 ft. Zone IV. Flat, spreading. Color grass green, a neat plant.

*1 yr. pot .. 10 \$15.00, 100 \$110.00
12-15 in. BB \$7.50 each, 10 \$70.00

Sabina. 5 ft. Zone IV. Good vase-shaped bush. Grows in any soil. Very useful evergreen.

*9-12 in. XX 10 \$16.00, 100 \$120
15-18 in. BB \$5.50 each, 10 \$40.00

Squamata Meyeri (Meyer Juniper). 5 ft. Zone IV. Upright in a natural way, not stiff. New growth purple, old growth green.
18-24 in. BB \$6.50 each, 10 \$60.00

Virginiana (Native Red Cedar). 30 ft. Zone II. Prefers a loose soil. Usually a dark green pyramid. This is best used in masses. Easily grown. Should be sheared.

*6-12 in. S10 \$3.50, 100 \$25.00
*12-18 in. XX 25 \$30.00, 100 \$90
3-4 ft. BB .. \$10.00 each, 5 \$45.00

—Glauca (Silver Cedar). 30 ft. Silver-gray foliage.

3 ft. BB ..\$11.00 each, 10 \$100.00



Picea Alba (White Spruce)

Below: Picea pungens



PHOTO AT RIGHT:
Top row: Junipers Squamata, Sargentii, communis depressa, virginiana, virginiana glauca.
Bottom row: Sabina, Andora, excelsa stricta, communis hibernica, procumbens, pfitzeriana.

Picea (the Spruces)

These evergreens are easily grown in normal garden soil.

abies — "excelsa" (Norway Spruce). 80 ft. Zone II. A dark green, drooping pyramid. Shallow roots enable planting on thin soils. Enormously popular for quick growth.

*6-9 in. X .. 25 \$4.50, 100 \$14.50
*12 in. XX .. 10 \$12.00, 100 \$85.00
2-1/2 ft. BB \$5.50 each, 10 \$48.00

glauca (alba) (White Spruce). 80 ft. Zone II. Quick-growing and shapely. In the northeast generally more satisfactory than Norway for forest planting.

*9-12 in. X .. 25 \$7.00, 100 \$20.00
12-15 in. XX 25 \$30.00, 100 \$95
1 1/2-2 ft. BB \$5.50 each, 10 \$47.50

—**g. densata** (Black Hills). 20 ft. Zone III. Better suited to dry climates than White Spruce. A majestic bushy pyramid.

*6-9 in. X 25 \$8.00, 100 \$25.00
*12 in. XX .. 10 \$12.00, 100 \$85.00
2 ft. BB \$6.75 each, 10 \$60.00

—**g. conica** (Dwarf Alberta). Miniature in height and leaf. 6 ft. Zone III. Tiny and slow. Probably the best true dwarf conifer.
10-12 in. BB.....\$5.50
15-18 in. BB.....\$8.50

pungens (Colorado Spruce). 80 ft. Zone II. Best spruce for dry climates. Very tolerant. Varies from green to silver as offered here (mostly green).

*6-9 in. X .. 25 \$8.00, 100 \$25.00
*9-12 in. XX 10 \$15.00, 100 \$95
1 1/2 ft. BB .. \$7.00 each, 10 \$60.00

—**p. glauca**. Selected blues. Not as good color as grafted, but good. Color does not show in smaller plants.

12-15 in. BB .. \$6.00 each, 10 \$45

—**p. kosteri** (Koster Blue). Grafted Blue Spruce. Bluest of all known spruces. Only small plants this year.

1 yr. graft 5 for \$15.00, 25 \$55.00
2 yr. graft \$5.00, 10 \$44.00

3 RARE DWARFS— (forms of *Picea abies*)

—**nidiformis** (Birdsnest Spruce). 5 ft. Useful, spreading dwarf.
4 to 6 inch BB \$4.50
*2 1/4 in. pot 2 for \$3.50

—**Remontii** dwarf globe shape, yellow stems, dense green leaves.

*2 in. pot 2 for \$3.00
12 in BB \$9.50 each

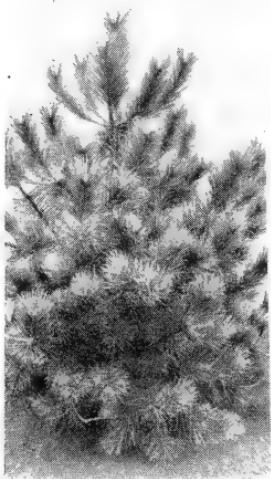
—**Conica**. Dense pyramid to about 15 feet. Fine.

*2 1/4 in. pot .. 2 for \$3.50
(10 for \$12.50)

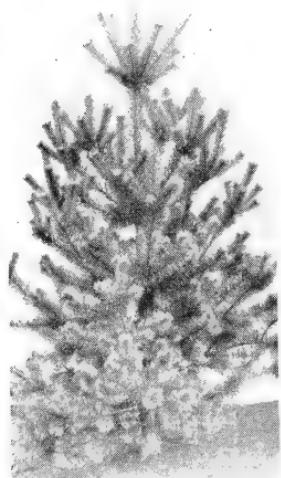


Pinus (the Pines)

Pines vary in size and shape but are alike in one thing—all thrive in windy exposed locations.



Pinus resinosa (Red Pine)



Pinus sylvestris (Scots)

montana mughus (Mugho). Zone II. 3 ft. Broad, low bushy.

*4-6 in. X25 \$8.00, 100 \$35.00

*6-9 in. XX 25 \$18.00, 100 \$60.00

15-18 in. BB \$7.50 each, 10 \$55.00

nigra (Austrian Pine). 70 ft. Zone IV. Compact for a large tree. Neat. Likes lime. Seashore but not on the water.

*9-12 in. X25 \$8.50, 100 \$30.00

*18-24 in. XX 25 \$40.00, 100 \$125

2-3 ft. BB \$6.75 each, 10 \$60.00

Ponderosa (Western Yellow Pine). 120 ft. Zone V. Huge tapered pyramid. Handsome.

*4 to 6 in. X 25 \$4.50, 100 \$16.00

*9 to 12 in. X 25 \$9.00, 100 \$28.00

18-24 in. BB \$6.50 each, 10 \$50

resinosa (Red or Norway Pine). 80 ft. Zone II. A fine native with long dark needles and spreading habit. Very easily grown. Few insect pests. Most popular.

*7-14 in. X25 \$10.00, 100 \$35

*12 in. XX 10 \$10.00, 100 \$75.00

strobos (White Pine). 90 ft. Zone III. The noblest native evergreen. Prefers rich soil. Light green needles, soft and dense.

*6-8 in. X25 \$7.50, 100 \$21.00

*7-12 in. XX 25 \$22.00, 100 \$65

12-18 in. BB (bushy, collected)

10 \$12.00, 100 \$98.50

2-3 ft. BB\$5.50 each, 10 \$40.00

sylvestris (Scots Pine). 90 ft. Zone II. Large, stately tree. Useful for sandy, barren soils, but grows tall in gardens. Prefers acid. Popular in small sizes for forest plantings.

*6-9 in. X25 \$5.50, 100 \$18.00

*12-18 in. X 25 \$10.00, 100 \$35.00

2-3 ft. BB\$6.00 each, 10 \$55.00

The Sea-Shore Pine

thunbergi. 60 ft. Zone IV. Picturesque, branching, as seen in Japanese prints. Stands salt spray.

10-15 in. XX 10 \$22, 100 \$175

18-24 in. BB \$5.50 ea., 10 \$45

SCIADOPITYS verticillata (umbrella pine) 100 ft., but slow growing. Zone V. Dense pyramid. Long needles, in ray formation.

*2-in. pot 2 for \$3.35 ppd., 10 \$14

TAXUS—See page 32.

THUJA. American arborvitae prefers the extreme north. It grows in any good soil, even with poor drainage.

Occidentalis (American Arborvitae). 30 ft. Zone II. Pyramidal tree with dense, frond-like, evergreen leaves, popular.

*9-12 in. X25 \$9.50, 100 \$30.00

*12-15 in. XX 10 \$12.00, 100 \$75

2-3 ft. BB\$6.75 each, 10 \$47.50

3 ft. BB \$7.50 each, 10 \$55.00

—globosa (Globe AV). 5 ft. Zone II. Good green dwarf. Does not grow out of bounds.

*6-8 in. X25 \$18.00, 100 \$60.00

*9-12 in. XX 25 \$28.00, 100 \$100

12-15 in. BB \$3.50 each, 10 \$30

18-24 in. BB \$5.50 each, 10 \$45

—pyramidalis (Pyramidal). 25 ft. Zone II. This is perhaps the best tall form of American Arborvitae. Formal, narrow hedges.

*4-6 in. X25 \$12.00, 100 \$45.00

*12 in. XX 10 \$18.00, 100 \$120.00

2-3 ft. BB\$6.00 each, 10 \$47.50

3 ft. BB\$7.50 each, 10 \$55.00

—Little Gem. Dwarf mound of green to 3 ft. Dense foliage. Good dwarf.

12-15 in. BB \$4.75 each, 10 \$40

Tsuga — *the Hemlock*

A noble tree. One of the most useful of all evergreens. Dry or wet soils, sun or shade.

Canadensis (Northern Hemlock). 60 ft. Stands shade. The most beautiful native evergreen. Zone IV.

*8-12 in. S25 \$4.50, 100 \$12.50
*4-7 in. X....25 \$7.50, 100 \$25.00
*12 in. XX ..25 \$22.00, 100 \$80.00
*15 in. XX 25 \$35.00, 100 \$130.00
1½ ft. BB ..\$6.25 each, 10 \$55.00
3-4 ft. BB\$12.00, 10 for \$95.00

Sargentii (Weeping Dwarf). Very useful, low and wide.
*12 in. X (2 yr.) \$4.00, 10 \$35.00

caroliniana (Carolina Hemlock). 50 ft. Zone IV. Damp, acid preferred. Dense. Striking shadows. Drooping.

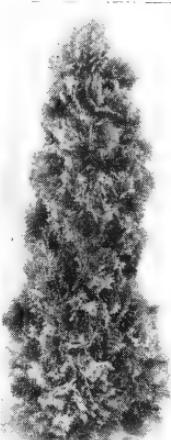
*12-15 in. S ..25 \$5.00, 100 \$16.00
5 ft. BB \$25.00 each

Special Hemlock Offer

Hemlocks naturally make compact root systems if grown in soft humus. We have collecting rights on an area in North Carolina where they grow in this manner and can dig nice shapely young plants with a ball of earth (B&B) that will give satisfaction and grow into fine specimens. Express runs about 15 cents a plant, paid on arrival. Two kinds.

TSUGA canadensis (Northern)

TSUGA carolina (Carolina)
(10) (25) (100)
12 in. BB \$12.00 \$25.00 \$98.50



Pyramid Arborvitae



American Arborvitae



Specimen Hemlock

Taxus -- The Yews

The Useful New Vertical Yews

SENTINALIS (Sentinel Yew). Very narrow, 12 feet.

PILARIS (Pillar Yew). Narrow, short branches. Dark green. 12 feet.

PYRAMIDALIS (Pyramid Yew). Fast growing to 15 feet. Dark green.

FLUSHING. Like pyramidalis but darker needles. Red berries.

GRANDIFOLIA (Bigleaf Yew). Needles enormous. Otherwise Pilaris.

STRICTA (Narrowbush). Slow, to 6 feet. Compact.

VERIDIS (Grassgreen Yew). Same as Stricta, but bright green.

ROBUSTA (Obelisk Yew). Vigorous pyramid to 18 feet. Dark green. Fast grower.

*6-12 in. XX (any one kind) 10 for \$19.50 postpaid
10-15 in. BB any 5 plants for \$19.50 (express)

The all purpose evergreen! Hardy, immune from most pests, withstands shade or full sun. Dark green at all seasons.

Each (10) (100)
baccata addressa (English Dwarf Yew). 5 ft. Zone VI. upright dwarf.

*8-10 in. X \$9.00 \$75.00
12-15 in. BB \$6.50 55.00

repandens (Creeking English Yew). 3 ft. Zone V. Very slow and hugging the ground. Dense nature. Rockgarden.

*6-8 in. X 8.50 65.00
12 in. BB 8.50 75.00

Hunnewelliana (Hybrid American Yew). Canadensis crossed with cuspidata. 6 ft. Zone II. A pyramid of dark green, neat. Very hardy, but browns in winter.

*4-6 in. X 10 \$6.50, 100 \$45.00
*10-12 in. XX 10 \$12.00, 100 \$95



TAXUS CUSPIDATA (Japanese Yew)

(Each) (10) (100)
cuspidata capitata (Upright Yew) The natural form. Trees to 40 ft. The best type hedge Yew for all general purposes.

*6-8 in.			
cutting X	8.00	55.00	
*9-12 in. XX	16.00	130.00	
*12-15 in. XX	22.00	150.00	
18 in. BB	8.50	75.00	

cuspidata (Spreading). Commonly offered as "cuspidata." 6 ft. Zone III. A spreading open bush.

*4-6 in. X	6.00	40.00	
*8-10 in. X	9.50	80.00	
*10-12 in. XX	15.00	120.00	
*12-15 in. XX	19.00	160.00	
12 in. BB	6.50	60.00	
2 ft. BB	12.50		

Jeffreyi (Jeffrey's Pyramidal Yew). A fine plant. Very narrow and upright in growth. One of the best of the column types.

*4-6 in. X	6.00	45.00	
*10-12 in. X	12.00	85.00	
12-15 in. BB	7.00	60.00	500.00

(Each) (10) (100)
nana ("Brevifolia") (Dwarf) 4 ft. Zone III. Slow growing, spreading, dense dark foliage. Picturesque. Substitute for Dwarf Boxwood.

*4-6 in. X	6.00	45.00	
*2 1/4 in. pot	9.50	70.00	
*9-12 in. XX	20.00	160.00	
12 in. BB	7.00	60.00	500.00



Capitata (Upright Yew)

Collection Dwarf Yew

All 8 to 10 inch transplanted, heavy little trees. Roots packed in damp moss. Four different named kinds our selection, but all lowgrowing (Such as nana, Hilli, Hicks, Vermeulen, etc.)

2 each (8 plants)
 \$9.75 ppd.

5 each (20 plants)
 \$18.00 ppd.

TAXUS MEDIA (Hybrid Yew)

(Each) (10) (100)

media Hatfieldi (Hatfield's Yew). 12 ft. Zone IV. A compact cone in outline. The branches are upright. Full of character.
 *4-6 in. X \$5.50 \$40.00
 *8-10 in. X 9.00 70.00
 *10-12 in. XX 19.00 160.00
 15 in. BB 8.50 75.00

m. Andersoni. A wide vase-shaped form. Zone V.
 *4-6 in. X \$6.00 \$45.00
 *12-15 in. X 10.50 80.00
 *10-12 in. XX 16.00 120.00
 15-18 in. BB 7.50 65.00

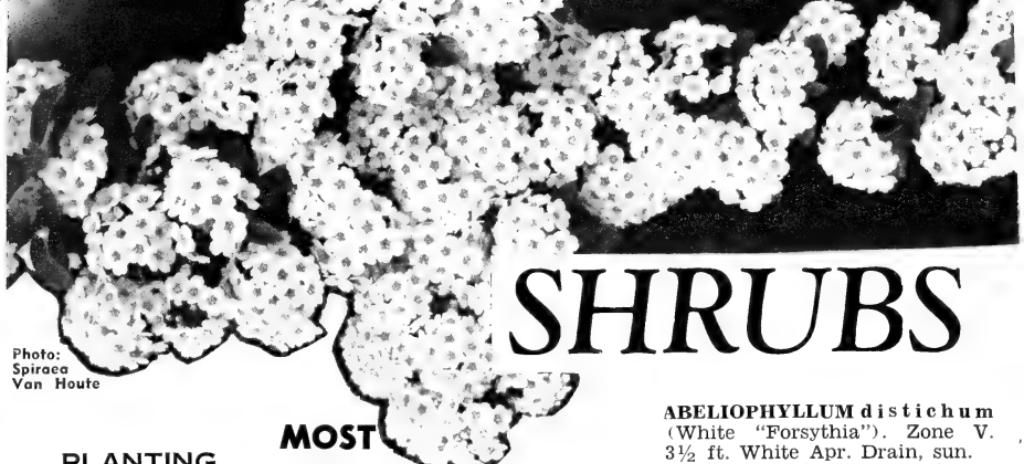
m. Browni. A dense and compact form. Zone V. Easily pruned.
 *4-6 in. X 6.00 45.00
 *9-12 in. XX 16.00 135.00
 12 in. BB 6.50 55.00 500.00

(Each) (10) (100)

m. Hicksi (Hicks). 7ft. Zone V. Strong, fat upright shrub. Fine hedge. Good berries.
 *6-8 in. X 7.00 50.00
 *12-15 in. X 11.00 85.00
 *9-12 in. XX 15.00 120.00
 15 in. BB 7.50 65.00 600.00

m. Kelseyi (Berrybush). 8 ft. Zone IV. Our introduction 1936 and attracting favorable comment everywhere. Recommended for its wealth of red berries in autumn. Bears young and grows slowly. A dense, full bush. Needles like the Dwarf Yew. Still scarce.
 *6-9 in. X \$9.50 \$85.00
 *10-12 in. X 13.50 110.00
 *9-12 in. XX 19.00 160.00

Photo shows (left to right):
 Rear Row: Capitata, Sente-
 nial, Pillar, Robusta, Stricta.
 Front Row: Kelsey, Nana,
 Vermeulen, Cuspidata.



SHRUBS

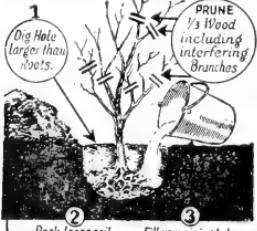
Photo:
Spiraea
Van Houte

PLANTING SMALL SHRUBS



PREPARED SOIL

LARGER SHRUBS



1 Big Hole
larger than
roots.
2 Pack loose soil
around roots.
3 Fill remaining hole
with water.
Wait until it settles.
4 Then fill remaining hole
with earth, leaving a
shallow cup. Water again.

MOST SHRUBS

Bloom young, usually in second year. But after ten years they need 6 feet of space for best appearance. So plant 3 feet apart and arrange that every second shrub can be removed in later years. (Dwarf shrubs take just half this spacing.) Shrubs grow quickly, so small sizes (see Page 50 for some special offers) are practical for mass effects. Most kinds are in the table below and described and priced in following pages. Shrubs that take care of themselves are marked in the table on page 36 with a "†". These literally gain no improvement whatever from cultivation—plant 'em and forget 'em! Some are very beautiful indeed.

PRUNING SHRUBS—Flowers come on old wood, so the rule is to prune when in bloom or just afterward. Thus no potential bloom is lost. Natural shrub shape is to have main stems in a clump all ascending from the ground, so prune out old branches.

ABELIOPHYLLUM distichum
(White "Forsythia"). Zone V.
3½ ft. White Apr. Drain, sun.
2-3 ft. \$4.50, 3 for \$12.50

AMELANCHIER Canadensis. 20 ft. Zone IV. Thin, bushy shrub or tree. Gay white show in July.
*12 in. S 25 \$5.00, 100 \$16.00
3-4 ft. X \$3.00 each, 10 \$25.00

—**grandiflora rosea**. Larger flowers, pink. Very handsome.
1-2 ft. X \$3.25, 5 for \$15.00
—**laevis**. 36 ft. Zone IV. Very showy in May.
2-3 ft. \$3.50, 5 for \$15.00

BENZOIN aestivale (Spice Bush). 12 ft. Zone IV. Damp. A mist of pale yellow in April. Red berries.

*12-18 in. 25 \$5.00, 100 \$16.00
2-3 ft. \$1.75 each, 10 \$15.00

BERBERIS thunbergi (Japanese Barberry). 5 ft. Zone IV. Very tolerant. Bushy and dense, red berry in autumn. Fine hedge.

*6-12 in. S 25 \$4.00, 100 \$12.00
*12-18 in. S 10 \$2.50, 100 \$18.00
12-18 in. X 10 \$6.00, 100 \$45.00

—**Atropurpurea**. Red leaf form.
*6-12 in. S 25 \$6.00, 100 \$18.00
12-18 in. X \$1.25, 10 \$9.50,
100 \$70.00

—**Crimson Pygmy**. Very dwarf, purple-leaf. Outstanding. New.
*2 in. pots 10 \$6.50, 100 \$50.00
10-12 in. BB \$4.00, 10 \$30.00

BUDDLEIA (Butterfly Bush). Zone V. 6 ft. June-Aug. Drain.
 —**charming.** Pink.
 —**Dubonnet.** Wine-red.
 —**ile de france.** Claret purple.
 —**Blue Wonder.** Real blue.
 —**White Spear.** White.
 Prices on above 5 varieties ppd.
 2 yr.\$1.45 each (any 2 \$2.50)

CALLICARPA *purpurea* (Beauty-berry). 5 ft. Zone V. Violet berries, Oct. Tolerant. Very showy.
 18-24 in.\$1.75 each, 10 \$12.50

CALYCANTHUS *floridus* (Sweetshrub). 9 ft. Zone IV. Fragrant brown in June.
 *12 in. S10 \$2.50, 100 \$9.00
 2 ft. X\$1.50, 10 \$9.00, 100 \$75.00

CARYOPTERIS Blue Mist. 2 ft. Roots hardy. Zone III. (Tops about Zone VI). Many showy clear blue flowers Aug. to frost. Tolerant.
 2 yr. (18 in.) \$1.45 ppd., 10 \$12.00

CHAENOMELES *japonica* (Japanese Quince). 4 ft. Zone IV. Sun. Bushy dwarf. Scarlet flowers in April. A tolerant ornamental shrub. Slow growth. Can be kept pruned.

*12 in. S ..25 for \$4.50, 100 \$13.50
 2 ft. X \$1.35, 10 \$11.00, 100 \$95.00

—**Glowing Embers.** New red.
 —**Rosea grandiflora.** Pink.
 —**Rubra grandiflora.** Early red.
 —**Crimson & Gold.** Very showy.
 —**nivilis.** Large, pure white.
 1 yr. graft, (18") \$2.00, any 5 \$7.50
 —**upright red.** 6 ft. Grafted form. Grows only vertical stems. Neat, useful, showy.
 *12 in.10 \$5.50, 100 \$35.00
 2-3 ft. X\$1.75 each, 10 \$12.50

CITRUS *trifoliata*. 12 ft. Zone V. A hardy orange. Not edible, but showy small "oranges".
 12-18 in. S 5 ppd. \$4.00, 100 \$40

CLETHRA *alnifolia* (Summer Sweet). 7 ft. Zone III. White fragrant spikes vary from July to August. Acid soil.
 *12 in. S10 \$3.00, 100 \$16.00
 2-3 ft.\$2.25 each, 10 \$20.00

—**a. rosea.** Rare pink flowered form. Showy plant.
 *2 1/4 in. pot ..10 \$8.00, 100 \$65.00
 2-3 ft.\$2.85, 10 \$22.00, 100 \$180

—**barbinervis** (Japanese). 20 ft. Zone V. White, fragrant. Aug. to October.
 *2-in. pot 5 ppd. \$5.50, 100 \$65
 12-15 in.\$1.50 each, 10 \$13.50

CORNUS *mas* (Cornelian Cherry). 20 ft. Zone IV. Yellow bloom April. Scarlet berry August. Tolerant.
 *12-in. S 25 for \$10.00, 100 \$35
 2-3 ft.\$2.25 each, 10 \$18.00
 3-4 ft.\$3.00 each, 10 \$22.50

alba elegansissima. Leaves edged white. Blood-red stems. White fruit July. Grows any soil.
 2-3 ft.\$2.50 each, 10 \$20.00

COMPTONIA *asplenifolia* (Sweetfern). 6 ft. Zone II. Grows even on barren soil. Fern-like leaves. Collected clumps only.
 2-3 ft.5 \$6.00, 100 \$85.00

CORYLOPSIS *sinensis*. 15 ft. Zone V. Fragrant yellow, April.
 *2 1/4-in. pot 5 \$3.50, 100 \$45.00
 2-3 ft. \$3.25 each, 5 \$12.00

CYRILLA *racemiflora* (Leatherwood). 25 ft. Zone V. White in June. Scarlet fall leaves.
 *3 in. pot ..2 ppd. \$4.00, 10 \$13.50

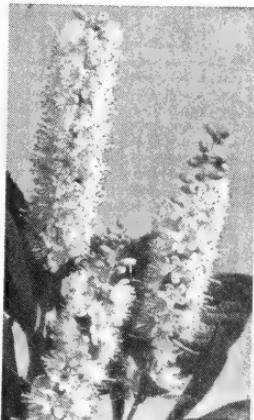
CYTISUS—(See Page 10)



Amelanchier



Chaenomeles



Clethra alnifolia

DAPHNE *Genkwa* (Lilac Daphne). 3 ft. Zone V. Lilac clusters in April.
 1½-2 ft.\$7.50 each, 5 \$35.00
 12-18 in.\$5.50 each, 5 \$25.00

Mezereum. (February Daphne.) 3 ft. Zone IV. Purple-red in March.
 *4-8 in. X 5 for \$5.25, 100 \$65.00

DEUTZIA *gracilis*. 3 ft. Zone IV. Drain. Dainty mass of white. May.

*4-6 in. X 10 \$5.00, 100 \$30.00
 12-18 in. \$1.75, 10 \$15.00, 100 \$95

—*rosea*. Pink flowers.

12-15 in. X \$1.50 each, 10 \$12.50

scabra — **Pride of Rochester**. Large pinkish white blooms. Vigorous. Zone V. 8 ft.

*12 in. S ..10 for \$1.75, 100 \$9.50
 3 ft.\$1.25, 10 \$9.50, 100 \$60.00

ELEAGNUS *angustifolia* (Russian Olive). 20 ft. Zone II. Drought-resisting. Yellow berries in September.

*12-18 in. S25 \$3.00, 100 \$9.00
 3 ft. X \$2.50, 10 \$16.00, 100 \$130

ENKIANTHUS *campanulatus*. 15 ft. Zone IV. Red-veined yellow flowers in May. Brilliant red autumn leaves. Humus, acid.

*2 in. pot 10 \$6.00, 100 \$45.00
 12-18 in. X \$1.75, 10 \$12, 100 \$90
 18-24 in. X ..\$2.50 each, 5 \$10.00

EUONYMUS *alatus* (Winged Euonymus). 8 ft. Zone III. Pink-Crimson autumn leaves. Showy. 1½ ft. \$2.50, 10 \$20.00, 100 \$180

—*compacta*. Dwarf form, 5 ft.
 *6-8 in. X10 \$7.50, 100 \$60.00
 12-15 in. X \$1.90, 10 \$16,
 100 \$120
 18-24 in.\$2.75 each, 10 \$25.00

Americana (Strawberry-bush). Zone VI. 8 ft. Large pink and scarlet fruit, Sept.-Oct.

2-3 ft. X \$3.00 each, 10 \$20.00

Europea (Burning-bush). 15 ft. Zone III. Fruit red-pink, Oct.
 2-3 ft. 2 for \$4.00, 10 \$15.00

yedoensis (Yahoo). 12 ft. Zone IV. Pink fruit in Sept. Hand-some.

*6-12 in. S10 \$5.50, 100 \$35.00
 2-3 ft.\$1.60 each, 10 \$12.50

EXOCHORDA *racemosa* (Pearl-bush). 9 ft. Zone IV. Showy white, April-May.

*12 inch S25 \$8.00, 100 \$30.00
 2-3 ft.\$2.50 each, 10 \$17.50

FOTHERGILLA *major*. 9 ft. Zone V. Pyramidal. Conspicuous white, May. Showy orange leaves in fall. Sandy soil in shade.

18-24 inch \$6.75 each



Enkianthus
Forsythia Lynwood Gold



† in table below = kinds
 needing no care.

~~~~~Beauty All Year A TIME-TABLE OF SHRUBS~~~~~

SPRING

†Amelanchier
 †Benzion *aestivale*
 Chaenomeles
 †Daphne *Mezereum*
 †Forsythia (all kinds)
 †Hamamelis *mollis*
 Spiraea von Houttei
 Syringa (most lilacs)
 Tamarix *africana*
 †Viburnum *carlesii*

EARLY SUMMER

†Deutzia (all kinds)
 †Enkianthus *campanul.*
 Exochorda *grandiflora*
 Kolkwitzia
 †Lonicera (shrub kinds)
 Philadelphus *virginal*
 Potentilla *fruticosa*
 Spiraea *trichocarpa*
 Syringa *josikea*
 †Weigela (all kinds)

LATE SUMMER

†Albizzia julib. rosea
 Buddleia (varieties)
 Calycanthus *floridus*
 Cephaelanthus
 †Clethra *alnifolia*
 Hydrangea A. G.
 Hypericum *prolificum*
 Spiraea A. Waterer
 Fruit:
 †Lonicera (shrubs)

AUTUMN

Hibiscus *syriacus*
 Hydrangea P. G.
 Vitex *agnus castus*
 Fruit:
 †Berberis *thunbergii*
 Callicarpa *purpurea*
 Photinia *villosa*
 †Rhus *cotinus*
 †Symphoricarpos
 †Viburnum (many)

FORSYTHIA intermedia (Golden Bell). 9 ft. Zone VI. Familiar yellow blooms in April.

*12-18 in S25 \$3.50, 100 \$9.50
2-3 ft. X \$1.25, 10 \$7.50, 100 \$55

Arnolds Dwarf. 2 ft. Zone V. Very dwarf. Showy flowers.

*2 in. pot10 \$6.50, 100 \$45.00
12 inch X 5 \$5.50, 100 \$75.00
18-24 in.\$2.00 each, 10 \$12.00

Lynwood Gold. 7 ft. Zone V. Very many, very large, very deep yellow blooms. New, outstanding. *2 yr. cuttings 10 \$4.50, 100 \$35
12 inch X 5 \$3.50, 100 \$45.00
2 ft.\$2.00, 10 \$16.00, 100 \$135

spectabilis. More, larger, yellow flowers. Zone V. 8 ft.

*12 in.25 \$3.50, 100 \$9.50
2 ft.\$1.50, 10 \$7.50, 100 \$55.00

—spring glory. A new forsythia hybrid very showy, hardy.

*12 in. X25 \$12.50, 100 \$45.00
2-3 ft. \$1.50, 10 \$12.00, 100 \$95.00

ovata (Korean Forsythia). 6 ft. Zone IV. Less showy, but decidedly hardier and a week earlier.

3 ft. \$2.50 each, 10 for \$18.50

suspensa (Weeping Golden Bell). 6 ft. Zone V. Good May show. Drooping branches root and hold banks.

2-3 ft \$1.75, 10 \$12.50, 100 \$95.00

NEW FORSYTHIAS

Beatrix Farrand. 6 ft. Vigorous. 2-inch flowers, huge deep gold with orange markings. Splendid.

*6-12 in. X 10 \$8.50, 100 \$55.00
2-3 ft.\$2.00 each, 10 \$15.00

Arnold's Brilliant. Unusually bright tone of yellow, very fine.

2-3 ft.\$2.75 each, 10 \$20.00

GREWIA biloba (Star Flower). Cream flowers, orange fruit. 8 ft. Zone VI.

3-4 ft.\$3.00 each, 5 \$12.50

HAMAMELIS japonica rubra (Red Japan Witch-hazel) 20 ft. Zone V. Showy in Feb. and March.

*1 yr. graft\$2.50, 5 for \$10.00
2-3 ft.\$5.00, 5 for \$20.00

mollis (Chinese Witch-Hazel). Very showy yellow. Feb. and March. 20 ft. Zone V. The finest. 2-3 ft.\$6.00 3-4 ft.\$8.00

vernalis (Spring Witch-Hazel). 6 ft. Zone V. Yellow, fragrant in April.

*12-15 in. S .. 10 \$4.00, 100 \$28.00
3-4 ft. \$3.00, 10 \$22.00, 100 \$150

virginiana (Winter Witch-Hazel). 12 ft. Zone IV. Yellow in November.

*12 in. S25 \$5.00, 100 \$15.00
2-3 ft. \$2.50, 10 \$15.00, 100 \$75.00



Hamamelis mollis



Deutzia gracilis—good dwarfs are few.

HIBISCUS syriacus (Althaea). 12 ft. Tree-like. Zone V. Heavy soil. Various colors in July and August. A useful shrub.

—**Paeoniflorus**. Double pink.

—**Double Red**. Showy flower.

—**Totus albus**. Single white.

—**Jeanne d' Arc**. White, double.

—**Rubis**. Single red.

Any of above kinds:

*12 in. S25 \$5.00, 100 \$15.00
2 ft.\$1.50 each, 10 \$10.00

HYDRANGEA arborescens grandiflora (Snow Hill). 4 ft. Zone IV. Straggling unless cut to ground. Huge white blooms, July-August. Manure.

2-3 ft. \$1.80, 10 \$15.00, 100 \$125.

paniculata grandiflora (Peegee). 7 ft. Zone IV. Similar to above, a month later, and blooms turn pinkish long after opening.

*12-18 in.10 \$3.50, 100 \$22.00
2-3 ft. \$1.75, 10 \$8.50, 100 \$65.00

—**Tree Form**. 9 ft. Grown to a single trunk.

3-4 ft.\$4.50; 4-5 ft.\$5.50

Quercifolia. 7 ft. Zone V. "Oak-leaf" Hydrangea. Showy white, June.

18-24 in. X 5 for \$4.50, 100 \$65
3-4 ft.\$2.00, 10 for \$15.00

Hortensis Blue. 6 ft. Zone VI. August to frost, blue in acid soil. 3 year\$2.25 each, 2 \$4.00 ppd.

HYPERICUM Frondosum (aureum). Golden St. Johnswort. Zone V to 4 ft. Bright yellow in August. Drain. Neutral soil.

2-3 ft.\$1.75 each, 10 \$15.00

—**Hidcote**. 2 ft. Zone V. Huge bright yellow. June to Oct.

2 year\$2.50 each, 5 \$9.25

Kalmianum. 3 ft. Zone IV. Brightest gold, July-August. The best hardy Hypericum.

*12-15 in. X 5 for \$3.00, 100 \$40
2-2 1/2 ft.\$2.00 each, 10 \$12.00

ILEX verticillata (Winterberry). 15 ft. Zone III. Dampness preferred. Many red berries all winter. A show.

*12-18 in. S25 \$5.00, 100 \$15.00
2-3 ft. \$1.95, 10 \$16.00, 100 \$125
3-4 ft. \$2.75, 10 \$22.00, 100 \$175

Serrata. Zone V. Similar, but smaller in every part.

12-18 in. S 10 for \$3.00, 100 \$20
2-3 ft.\$3.00 each, 10 \$20

JASMINUM parkeri. 1 1/2 ft. Zone VI. Dainty dwarf, yellow flowers.

3 in. pot \$2.50 each, 5 \$8.50

KERRIA japonica (Kerria). 6 ft. Zone IV. Single bright yellow all spring.

*8-12 in. S10 \$5.00, 100 \$30.00
1-1 1/2 ft. X \$1.50 each, 10 \$9.50

—**japonica fl. plena**. (Double Kerria). The same with double yellow blooms.

1 1/2 ft. \$1.75, 10 \$15.00, 100 \$140

KOLKWITZIA amabilis (Beauty Bush). 8 ft. Zone V. Sun, loose. A light green fountain flushed with cascade of pink in June.

*12-18 in. X 10 \$10.00, 100 \$75.00
2 ft. \$1.95, 10 \$15.00, 100 \$120.00
3-4 ft.\$2.50 each, 10 \$20.00

LAGERSTROMIA (Crepe Myrtle). Great trusses of bloom. Aug. to Oct. 15 ft. Zone VI. Order: **Pink, Red or White**.

2 ft. \$1.75, 10 \$15.00



Hydrangea paniculata grandiflora



Hibiscus Syriacus

LIGUSTRUM amurense (Amur Privet "North"). 12 ft. Zone V. Almost foolproof.

*12 in. (2 Br.) 25 \$3.50, 100 \$10.00
1½ ft. (3 Br.) 25 \$6.50, 100 \$20.00
2 ft. (4 Br.) 10 \$5.50, 100 \$30.00

Ibolum (Hybrid). 12 ft. Zone V. Like California, but hardier.

*12 in. (2 Br.) 25 \$3.50, 100 \$10
1½ ft. (3 Br.) 25 \$6.50, 100 \$20
3 ft. (4 Br.) 10 \$5.50, 100 \$30

—**Obtusifolium** vicary. (Very Golden Privet). Bright yellow leaves. 9 ft. Zone III.

6-12 in. X10 \$7.00, 100 \$55.00
12-15 in. \$2.00, 10 \$15.00, 100 \$95

—**Regel's.** 6 ft. Zone V. Handsome, dense shrub. Horizontal branches.

2-3 ft.5 \$6.00, 100 \$95.00

Ovalifolium (California). 20 ft. Zone VI. Common, popular.

12 in. (2 Br.) 25 \$3.50, 100 \$10.00
2 ft. (4 Br.) 25 \$10.00, 100 \$30.00

LONICERA fragrantissima. (Winter Honeysuckle). 6 ft. Zone V. Yellow, fragrant, April; red berries, July. Semi-evergreen.

*12-18 in.25 \$5.00, 100 \$15.00
2-3 ft. \$1.35, 10 \$7.50, 100 \$50.00

Compacta nana (Clavey's dwarf) Zone IV, 4 ft., dense low growth.

*6-12 in. X 10 \$6.00, 100 \$35.00
15-18 in. \$1.50 each, 10 for \$9.50

Maximowizii sachagensis. 9 ft. Zone IV. Purple in May, red fruit in August.

3-4 ft. \$1.95, 10 \$15.00, 100 \$110

morrowi (Morrow Bush Honeysuckle). 7 ft. Zone III. Spreading, bushy. Cream in May, scarlet fruit in July.

*12-18 in. 25 \$4.00, 100 \$12.00
2-3 ft. 2 \$3.00 ppd., 25 \$12.50

LONICERA tatarica (Tatarian Honeysuckle). 8 ft. Zone IV. Bushy. Flower, June; red berry, July. Order: **White or Pink.**

*12-18 in. 25 \$4.00, 100 \$12.00
1½-2 ft. \$1.25, 10 \$6.00, 100 \$50

—**Zabelli (Red).** Fine color form of tatarica.

*12-18 in.25 \$7.00, 100 \$25.00
2 ft. \$1.55, 10 \$11.00, 100 \$90.00

MYRICA carolinensis (Bayberry). 6 ft. Zone II. A shapely rounded bush. Good foliage. Barren, sandy soils.

*6-12 in. S10 \$6.00, 100 \$45.00
12 in. BB5 \$12.00, 100 \$150.00

PHILADELPHUS coronarius (Sweet Syringa). 9 ft. Zone IV. White in June. Very fragrant. Needs lime.

*12-18 in.25 \$4.50, 100 \$15.00
1½ ft. \$1.20, 10 \$5.00, 100 \$30.00

—**Frosty Morn.** 4 ft. Zone IV. White, double, fragrant, July. Fine new dwarf. (Pat. 1174)

18-24 in.\$2.00 ppd., 5 \$9.00

—**virginal.** 8 ft. Zone V. Double, fragrant, translucent white blooms load the bush in June. Then a few show through summer, particularly if pruned.

*6-12 in. S25 \$8.00, 100 \$25.00
2 ft.\$1.50, 10 \$12.50, 100 \$95.00

—**Minnesota snowflake** (new). Double, fragrant, large flowers. Zone III. (Pat. 538)

18-24 in. \$1.65 each, 10 \$12.50
2-3 ft.\$1.95 each, 10 \$16.00

PHOTINIA villosa (Christmas Berry). 20 ft. Zone IV. Drain, sun. White in May. Showy red fruits. Birds love it.

*8 in. S 10 \$6.00 ppd., 100 \$30.00
3-4 ft. \$2.50 each, 10 \$20.00

SHRUBS



Philadelphus virginal



(Photo: Kolkwitzia)



Spiraea Van Houtte



Symphoricarpos racemosus

POTENTILLA fruticosa. 5 ft. Zone II. Large bloom, May to August. Sun, drain, moist.

—*purdomi*. Light yellow variety. 18 in.—\$3.50 2 ft.—\$4.50

—Golddrop. Dwarf fern-like leaves, gold flowers all summer. Zone IV.

1-1½ ft. \$1.60 each, 2 \$2.95 ppd.

RHAMNUS frangula (glossy Buckthorn). 18 ft. Zone II. Lustrous leaf. Hedge.

*12 in. S 100 \$12.00
3 ft. X 5 for \$3.50, 100 \$48.00

RHODOTYPOS scandens (Jet-beds). 6 ft. Zone IV. Showy white late in May. Showy black fruit. 2-3 ft. \$1.75, 10 \$15.00, 100 \$95.00

RHUS canadensis (Fragrant Sumac). 4 ft. Trailing. Zone III. Yellow, April. Grows in poor soil. Fine bank cover.

1½ ft. \$1.75, 10 \$12.00, 100 \$75.00
3 ft. \$2.75, 10 \$18.00, 100 \$95.00

ROBINIA hispida (Rose Acacia). 10 ft. Zone V. Large rosy flowers in May. Very tolerant. Showy.

*12 in. S 25 \$5.00, 100 \$15.00
2-3 ft. \$2.00 each, 10 \$15.00

ROSA (Shrub roses). Hardy, tolerant. Need sun. see page 69.

rugosa (Hugo Rose). 6 ft. Zone V. Yellow in April or early May. 1½-2 ft. \$2.00 each, 10 \$17.50

rugosa. Pink all summer. 6 ft. Zone II.
15-18 in. \$2.00 each, 10 \$18.00

rugosa Hansa. Double red form. 18-24 in. \$2.50 each, 10 \$20.00

rubiginosa (Sweetbriar). Zone IV. Pink in June. Fragrant leaves.

1-2 ft. 5 \$4.50 ppd., 100 \$45.00

Wichuriana. (Page 54).

SPIRAEA Anthony Waterer. 3 ft. Zone V. Rose blooms, June to August.

*12-15 in. X 10 \$10.00, 100 \$55.00
18 in. \$1.80, 10 \$15.00, 100 \$95.00

Arguta. 8 ft. Zone IV. Pure white in May. Showiest early Spirea.

2-3 ft. \$1.75, 10 \$12.50, 100 \$90.00

Froebeli. 5 ft. Zone V. Bright crimson in June.

*12 in. S 10 \$3.50, 100 \$20.00
2-3 ft. \$1.50, 10 \$12.00, 100 \$95.00

macrothyrsa. 4 ft. Zone IV. Spikes of bright cameo pink all summer if kept cut. No pests. Sun or part shade.

2-3 ft. \$1.75 each, 2 \$3.00

Van Houttei (Modern "Bridal-wreath"). 6 ft. Zone IV. Familiar everywhere for the white May garlands.

*12-18 in. 25 \$5.00, 100 \$15.00
1½ ft. \$1.00, 10 \$6.50, 100 \$40.00
3 ft. \$2.00 each, 10 \$12.00

prunifolia (true Bridalwreath). 8 ft. Zone V. Double white, May.

*12-18 in. S .25 \$5.00, 100 \$15.00

3 ft. \$2.00, 10 \$12.00, 100 \$90.00

SYMPHORICARPOS racemosus (Snowberry). 5 ft. Zone III. Clay, lime. Useful for showy white berries in August. Good dwarf shrub.

2 ft. \$1.35, 10 \$6.50, 100 \$45.00

vulgaris (Coralberry). 5 ft. Zone II. Berries red, hang late.

*12-15 in. S 25 \$4.00, 100 \$15.00
12-18 in. X 5 for \$2.50, 100 \$35.00

chenaulti. 8 ft. Zone III. Graceful. Rose-pink berries.

*12 in. 10 ppd., \$3.00, 100 \$15.00
18-24 in. \$1.35, 10 \$8.50, 100 \$60.00

SYRINGA

the Lilacs

All tolerant, but need extra lime.
All hardy, fine for the north.

chinensis ("Rothomagensis") (6.9) 12 ft. Zone V. Graceful; Lilac, May. Very faithful bloomer. Lime. Sun.
2 ft.\$1.75, 10 \$12.50, 100 \$100

microphylla (Everblooming Lilac). 6 ft. Zone V. (7.3). Light lilac blooms in June and fall.
2-3 ft.\$2.50 each, 10 \$20.00

—**superba**. Shapelier, and color pink, red buds. Grand.
2-3 ft.\$2.75 each, 10 \$19.00

persica (Persian Lilac). 6 ft. Zone V. Pale purple, fragrant.
*12 in. S25 \$8.00, 100 \$25.00
2-3 ft.2 ppd. \$2.50, 100 \$80.00

Rosa Hugonis
Photo below:
Hybrid Lilac
Single and
Double.



NAMED FRENCH LILACS

Huge fragrant trusses in many colors. Both "S" (Single) and "D" (Double) forms are charming. Ratings below are by experts—10.0 would be perfect. Color notes are mere indications. Zone III.

Any 5 below 2 to 3 feet **\$12.00 postpaid.**
(25 for \$45.00)

- Belle de Nancy** (6.2) D. Pink
- Charles Joly** (6.8) Double Red. Good
- Charles Tenth** (6.8) Single Red
- Ludwig Spaeth** (7.8) S. Reddish. Fine
- Mme. Casimir Perier** (6.3) D. White
- Mme. Florent Stepman** (6.8) S. White
- Michael Buchner** (7.2) D. Pink
- Pres. Grevy** (6.9) D. Blue. Favorite
- Thunberg** (6.9) D. Pinkish. Unusual
- Vestale** (8.5) S. White. Outstanding
- Violette** (7.2) S. Blue. Excellent.
- Volcan** (6.7) S. Reddish
- Waldeck Rousseau** (6.7) D. Pink-Lavender

vulgaris (Old-fashioned Lilac). 15 ft. Zone III. Spreads by suckers to huge clumps. Purple, May. Fragrant.

*12-15 in. S 10 \$5.00, 100 \$18.00
1½ ft. \$1.50, 10 \$8.00, 100 \$60.00
2 ft.\$1.75, 10 \$13.50, 100 \$90.00

—**alba**. White form of above.
2-3 ft.\$1.75, 10 \$13.50, 100 \$100

villosa (Late Lilac) (6.2). 9 ft. Zone II. Pale pink-lilac in June.
*9-12 in. S 25 \$5.00, 100 \$17.00
1½-2 ft. \$2.50 each, 10 \$20.00

TAMARIX—summer glow. 10 ft. Zone II. Red racemes. July-Aug.
1½-2 ft.\$2.00 each, 10 \$15.00

—**pink cascade**. 7 ft. Neater growth. Pink bloom all summer.
2 year\$2.25 each, 10 \$20.00

parviflora ("africana"). 9 ft. Zone IV. April flowers.
2-3 ft.\$1.50 each, 10 \$12.00

VIBURNUM

Not only showy flower and fruit but perfect in leaf and branch too. Charming, tolerant.

American (see *V. trilobum*).

burkwoodi. 5 ft. Zone V. New hybrid, with fragrant pink blooms in May, borne young. Superior to *Carlesii*. Half evergreen.

*2 1/4 in. pot 5 \$5.00, 100 \$65.00
1 1/2-2 ft. \$4.00 each, 5 for \$18.00

carlesii (Fragrant Viburnum). 5 ft. Zone IV. Delicious pink clusters in May. Drain; keep moist in summer. Sun, shelter. Fragrant, beautiful.

*8-12 in. S 25 \$20.00, 100 \$65.00
12-18 in. X \$2.50, 10 \$20, 100 \$180
18-24 in. \$3.50 each, 5 \$15.00

carlocephalum. Zone IV. 7 ft. huge white snowballs in May. New hybrid.

15-18 in. \$4.50 each, 3 \$12.00

dilitatum (Linden Vib.). 9 ft. Zone V. Showy white, May. Red fruit all winter.

*12-18 in. S 10 ppd. \$6, 100 \$30
2-3 ft. \$2.00 each, 10 \$18.00

lantana (Wayfaring Tree). 15 ft. Zone III. Bold, striking, fall color. Fruits red, then black. Lime.

*6-12 in. S 25 \$6.00, 100 \$22.00
2-3 ft. \$2.00 each, 10 \$15.00

opulus (European Cranberry). 12 ft. Zone III. White, May. Fruit and leaf red in autumn. Strong bold effect. Very handsome.

*12-18 in. S 25 \$8.00, 100 \$25.00
2-3 ft. \$1.90 each, 10 \$15.00

—sterile (Snowball). Bush like *Opulus*, but flowers much showier and no berries at all.

*6-12 in. S 25 \$6.00, 100 \$20.00
3-4 ft. \$1.95, 10 \$15.00, 100 \$120

theiferum. 12 ft. Zone V. Bright red autumn fruit. Very showy.

*12 inch S 10 ppd. \$6.50, 100 \$35
2-3 ft. \$2.25 each, 10 \$18.00

—auranticum—form with bright yellow fruit. Rare and fine.

*8-15 in. X \$2.00, 10 \$15.00
2-3 ft. \$4.50 each

tomentosum (Doublefile Viburnum). 10 ft. Zone IV. Horizontal strings of snowy blooms in June.

*12-18 in. S 25 \$12.00, 100 \$45.00
2-3 ft. \$2.25 each, 10 \$15.00

—mariesi. Neater growth, flowers at an earlier age. Good.

*2 yr. S 10 \$4.50, 100 \$35.00
2-3 ft. \$2.75 each, 10 \$15.00

—plicatum (Japan Snowball). Form without fruit, but showier.

2-2 1/2 ft. \$2.25 each, 10 \$18.00

trilobum (American High-bush Cranberry). 12 ft. Zone II. Bright berries all winter. Fall color.

*6-12 in. S 25 \$5.00, 100 \$15.00
2 ft. \$1.75, 10 \$15.00, 100 \$125.00

V I T E X macrophylla (Chaste tree). 6 ft. Zone V. Showy blue, July to frost. Sun, acid soil.

18-24 in. \$1.50 each, 2 \$2.50 ppd.

agnus castus. 9 ft. Zone VI. Violet, all summer.

*12-18 in. S 25 \$4.00, 100 \$12
3-4 ft. \$2.00 each, 10 \$18.00

WEIGELA rosea. 9 ft. Zone V. May. Pink. Drainage.

*12-18 in. 25 \$5.00, 100 \$15.00
2-3 ft. \$1.50, 10 \$9.00, 100 \$55.00

—Eva Rathke. Dark red blooms in June, then sparsely to August.

2-3 ft. \$1.50, 10 \$13.50, 100 \$110

—Vanicecki. Bright red blooms. June to August and plenty of them. Splendid new variety.

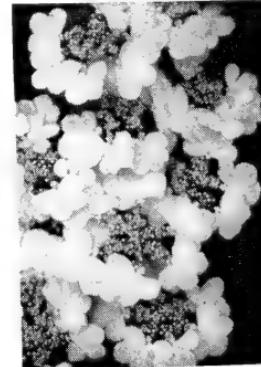
*1 yr. X 10 \$6.50, 100 \$45.00
2-3 ft. \$1.95 each, 10 \$15.00



Viburnum Carlesii



Viburnum Opulus



viburnum tomentosum

Start A HOME NURSERY

Wise old gardeners, you will notice, always have a few rows of trees and shrubs growing for future plantings. They do not depend upon buying everything as they need it. Now that we are coming out of the age of jazz and impatience we should remember the quiet wisdom of older days. Do not wait until you need trees—large ones and in a hurry—but look over your grounds and plant now what you may need 3, 5 or even 10 years hence.

1. Save money and labor
2. Save disappointments
3. Save delays
4. Increase your enjoyment
5. Rare and interesting
6. Culture not difficult

Soil Preparation

The lath-house soil should be sandy loam with an original dressing of 3 inches of manure worked on to a spade depth. The nursery itself can be heavier soil, but requires manure as well. Avoid lime.

Heel-in Area. Even a tiny spot kept free for this purpose, enables one to temporarily plant a shipment of plants the day received. They can safely remain for weeks if need be before permanent planting. Water well.

Grades of Stock and Treatment

—See also page 5—

Older plants just grow, if soil and climate are normal. Young plants need care—chiefly shade, extra water, wind protection. These are the grades as handled and sold in nurseries:—

A—Seedlings or Rooted Cuttings
Must be shaded first two years. Planted 2 in. x 2 in., lath-house holds 432. After two years, must be transplanted into next grade.

B—Once Transplanted Grade
Grown as above, or bought. (Our 2 yr. and 3 yr. Azaleas, or the 2 inch bands next page). Space about 5 in. x 5 in. (80 in the lath-house pictured). Shaded first year, but the second year shade omitted except in drought. In 2 years, now twice transplanted ("XX"), usable as hedge plants, for bedding, etc.

C—Twice Transplanted Grade

Can be moved into open, spaced 9 in. x 9 in. (nursery pictured holds 104) and left two years. They are "shaped"; straggly branches lopped off with sharp knife. Cultivate, fertilize, water, no shade needed. After 2 years, they are XXX (three times transplanted), bushy and shapely.

D—Specimens

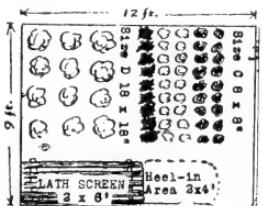
Every garden needs some larger, well formed plants. Such specimens are grown 2 or more years spaced 18 in. x 18 in. (nursery pictured holds 32.)



with
young
plants

that will
in few years, with little
care, be \$25 specimens.

Do not wait until you need large trees in a hurry, but look ahead 5 or even 10 years hence.



LAYOUT PLAN HOME NURSERY

The plan shows a corner of a lot using a 9 by 12 foot area for a nursery—no more space than used by a small specimen tree. The shrubbery masks the area. Exposure is planned as if north were at the top—but any exposure would do, locating the Lath Screen in shady spot.



Lath Screen sketched at left is very important for young plants the first summer. Simply built of ordinary lath and a few nails. Screen is rested on the posts.

4 RHODODENDRON HYBRIDS post'd. \$9
4 inch banded plants,
8 to 12 inch, labeled.
All good named kinds,
but sold to color only.
Choose your colors:
Red, pink, purple,
white. Plant like small-
er sizes on page 45.

Plants in 3-Inch "Peat Pots" for Home Nurseries

Just plant pot and all—no shock, no losses. The pot dissolves to make good soil for growing in. We can ship from mid-May through June safely. Nice thrifty plants. (For descriptions, see previous parts of this catalog, and index.) Any 6 assorted \$9.75 postpaid (6 one kind \$9.00.)

AZALEA *Calendulacea*. "The Flame Azalea"

- Kaempferi*. Red, orange in May. Hardy.
- Mucronulatum*. Purple in April. Hardy.
- Poukhanense*. Purple, May, Zone V.
- Exbury Hybrids*. Mixed colors. New.
- Mollis*. Yellow to red, May. Zone V.
- Vaseyi*. Showy pink, May. Zone V.

CORNUS *florida plena*. Double white.

- florida rubra*. The pink Dogwood.
- florida pendula*. Weeping white.
- florida Xanthocarpa*. Yellow-berried.
- Kousa chinensis*. White in June.

FRANKLINIA *alatamaha*. (see page 18).

ILEX *convexa*. Box-leaf Japanese Holly.

- crenata rotundifolia*. Large leaf.
- cr. Hetzi*. A new improved "convexa".
- Opaca*. (female) American holly.
- Opaca*. (male) American holly.

LAUROCERASUS *Schipka*. English Laurel.

MAGNOLIA *soulangeana*. Rose pink, May.

- Soul. nigra*. Purple form. Large bloom.
- Soul. rubra*. Bright red form.
- Stellata*. White in April. Dwarf tree.
- Stell.* Waterlily. Pink and white, double.

PIERIS *japonica*. Japanese Andromeda.

PRUNUS *Kwanzan*. Double pink Japan Cherry.

- Kofugen*. Late, double pink.
- Kiku-Shidare*. Double, weeping.

RHODODENDRON *Wilsoni*. Dwarf pink, May.

- myrtifolium*. Dwarf pink. Zone V.
- carolinium*. Pink, May, Zone V.
- catawbiense*. Rosy Purple, June.
- maximum*. Pinky-white, July. Zone III.
- Hybrid seedlings*. Mixed colors only.

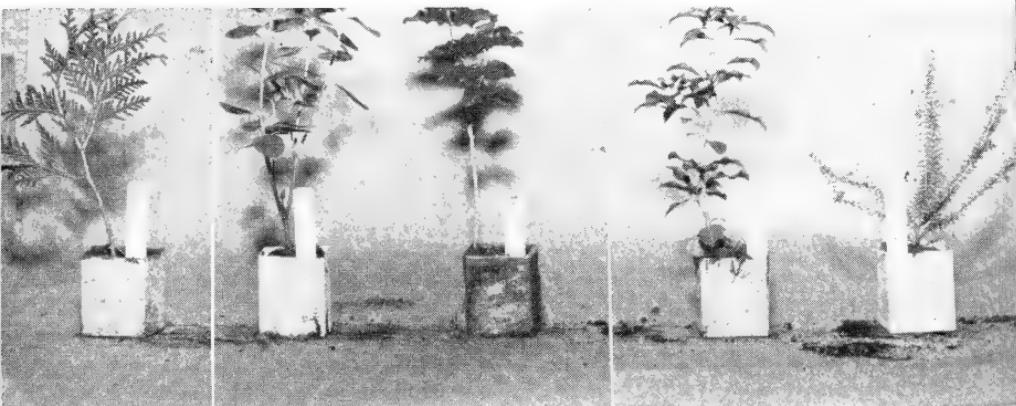
VIBURNUM *burkwoodi*. Evergreen, white, May.

- Carlesii*. May-flower Viburnum. Fragrant.
- Juddi*. Improved Carlesii. Healthier leaf.
- rhytidophyllum*. Wrinkled, evergreen leaf.

WISTERIA *floribunda*. Purple Japanese.

- Praecox*. Blue, early to bloom.
- rosea*. Pink form. Long clusters.
- Shiranoda*. White flowered form.

Some of the 2 inch band plants on next page.
You can judge the sizes; bands are 2 inches wide.



Your HOME NURSERY



Photo: Hybrid Rhododendrons, our most popular item. Showing box and plant. Water well and protect from sun this summer.



BANDED PLANTS for

Safe and Easy

Plants arrive actually growing in 2-inch wooden bands (clip off when you plant). They don't know they've been transplanted! We cannot ship until late May, but ORDER NOW.

(Postpaid)

Sold only in } 12 one kind \$6.50
Boxes of 12 } 12 (6 each, 2 kinds) \$7.

These are shipped growing, so will stand no frost until next fall. We hold order and ship at right time.

CULTURE: Treat like once transplanted. Shade is essential; use plenty of peat moss in soil.

AZALEA *Mary Hawkins*—bright pink. Zone V.
Purple Splendor—purple, double. Zone V.
Cameo—Double pink. Zone V.
Lorna—Zone V. Double Salmon.
Palestrina—Zone V. Showy white.
Corsage—single orchid. Zone V.
Amoena coccinea—Dwarf red. Zone V.
Flame—huge single red, dwarf growing.
Hinocrimson—Red, May, dwarf. Zone V.
Betty—brilliant rosy-pink, tall. Zone IV.
Fedora—large, tall salmon-rose. Zone IV.
Othello—large, tall, brick-red. Zone IV.
Stewartonian—Blood red. Zone V.
Rosebud—dwarf double pink. Zone V.
Delaware Valley White—Single. Zone V.

AZALEA, Two Good Deciduous Kinds.

Mollis hybrids—mixed yellow and red.
Poukanensis—Zone IV. Purple May.

ABELIA *grandiflora*—pink-white all summer.

BERBERIS JULIANA—6 foot bush. Zone V.
Verruculosa—dwarf, yellow bloom.

BUXUS suffruticosa—dwarf Boxwood.

CAMELLIA SASANQUA. (Hardy to Zone VI).
Cleopatra—semi-double rose, peony-type.
Apple Blossom—single pink, charming.
Maidens Blush—single blush, very popular.

CHAMAECYPARIS obtusa nana.

COTONEASTER horizontalis—
 red berry, spreads.
Salicifolia—red berry, tall arching.

ERICA darleyensis—dainty pink bells, March.

ILEX CORNUTA *Bufordi*—Chinese Holly.

ILEX CREN convexa—boxleaf Holly. Zone IV.
Crenata rotundifolia—Japan Holly.

ILEX OPACA—female, berried American Holly.

Opaca—male, pistillate American Holly.
pernyi—dwarf holly, red berries.

JUNIPER *pfitzeri*—6 ft. spreading, popular.
glauca Hetzi—similar more vigorous.

Andorra—purple in winter, prostrate.
Waukegan—Bluish foliage. Dwarf.

PIERIS japonica (Andromeda)—white, April.

PYRACANTHA Lalandi (Firethorn)—orange.

RHODODENDRON

HARDY HYBRID SEEDLINGS—mixed colors. Sold only as a mixture.

HYBRID NAMED—See page 43.

TAXUS Cuspidata (Spreading Yew).

Baccata repandens—Dwarf yew.

Capitata (Upright Yew)—tall pyramid.

nana ("Brevifolia")—dwarf yew.

Hicksii—fat, upright column to 6 feet.

Hatfield—Extra hardy, like Hicks.

VIBURNUM

Burkwoodi—white, May.

chenaultii—white, May. New.

rhytidophyllum—(Leatherleaf).



THE YEAR AFTER PLANTING

These little White Pines were about 1½ feet high, twice transplanted, and cost about 30c each.



TWENTY YEARS LATER

Photo near the same place shows trees 25 to 30 feet high. Worth \$50.00 or more each.

It Pays to Plant Things Young

Nursery stock, unlike other merchandise, increases in value as it gets older. A planting worth \$1000 can be set out two years earlier for \$500, or four years earlier for \$250. Plants just about double in value every two years. Moreover, the labor of planting also doubles every two years: Three men might take two hours to plant a 20-foot tree; the same tree when 6 feet high can be set out by one man in twenty minutes!

In most trees and shrubs there are three sizes: 1. Babies that have to be nursed. 2. Transplanted plants that need only a little growth. 3. Landscape sizes, already shaped. For most gardeners, the second size is the most fun and the most economical.

LARGER YOUNG EVERGREENS

(XX) Twice transplanted, 5 to 7 years old, practically landscape specimens. Dug bare root, so express is little, about 10% extra on arrival. Roots in damp moss, safe planting.

These "XX" evergreens are a particularly good buy, for the "nursing" is all done. They now go out into the field mostly to grow older, with occasional prunings to make them more shapely. All the real work is done, but savings are huge.

	(10)	(25)	(100)
ABIES (Douglas Fir)	12 to 18 inch	.....	\$ 25.00 \$ 95.00
— Concolor Fir	9 to 12 inch	13.00	30.00 100.00
JUNIPER (Andorra)	12 to 15 inch	16.50	35.00 125.00
— Pfitzer Juniper	12 to 15 inch	20.00	45.00 160.00
— Hetz Juniper	9 to 12 inch	16.00	32.00 115.00
— Virginiana (Cedar)	12 to 18 inch	.....	30.00 90.00
— Scopulorum (Rky. Mtn.)	12 to 18 inch	.....	30.00 90.00
— Waukegan Juniper	9 to 12 inch	14.00	30.00 110.00
PICEA (Black Hills Spruce) ..	9 to 12 inch	12.50	25.00 85.00
— Excelsa (Norway)	12 to 15 inch	12.00	25.00 85.00
— glauea (White Spruce)	12 to 15 inch	.....	30.00 95.00
— pungens (Colorado)	9 to 12 inch	15.00	30.00 95.00
PINUS			
— Austrian Pine	18 to 24 inch	18.00	40.00 125.00
— Mugho Dwarf Pine	6 to 9 inch	9.50	18.00 60.00
— thunbergi (Jap Black)	10 to 15 inch	22.00	45.00 175.00
— resinosa (Red)	12 to 18 inch	10.00	20.00 75.00
— strobos (White Pine)	7 to 12 inch	.....	22.00 75.00
THUJA occidentalis	12 to 15 inch	12.00	20.00 75.00
— Pyramidal Arborvitae	12 to 15 inch	18.00	40.00 120.00

YOUNG

Evergreens at special

(Descriptions and other sizes on pages 26 to 33)

QUANTITY PRICES

ABIES (Fir) (25) (100) (1000)

balsamea (Balsam Fir). For wet land. Best for Christmas trees.
 4 to 6 in. S. \$ 4.00 \$ 9.50 \$ 80.00
 4 to 6 in. X 8.00 20.00 180.00
 9 to 12 in. X 12.50 45.00 300.00

Concolor (Silver Fir).

4 to 6 in. X 7.50 22.00 160.00
 6 to 9 in. X 12.50 45.00
 9 to 12 in. XX 30.00 100.

Douglas Fir. (Pseudotsuga).

4 to 6 in. X..... 6.00 20.00 160.00
 8 to 12 in. X.. 9.00 35.00 300.00
 12 to 18 in. XX 35.00 125.

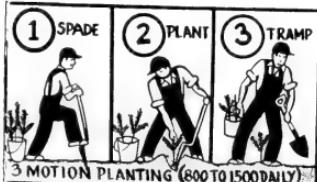
PICEA (25) (100) (1000)

glauca alba (White Spruce).
 6 to 8 in. S 10.00 75.00
 9 to 12 in. X.... 7.00 20.00 175.00

glauca densata (Black Hills).
 4 to 6 in. S..... 12.00 90.00
 6 to 9 in. X..... 8.00 25.00 195.00
 9 to 12 in. XX 25.00 85.00 750.00

excelsa (abies) (Norway Spruce).
 6 to 8 in. S 9.00 70.00
 6 to 9 in. X..... 4.50 14.50 110.00
 12 to 15 in. X.12.00 40.00 300.00

pungens (Colorado Spruce), color from blue to green.
 3 yr. S (6-8") 12.50 90.00
 6 to 9 in. X.... 8.00 25.00 190.00



LARIX (Larch) European Larch.

(25) (100) (1000)
 8 to 12 in. X.... 9.00 25.00 150.00
 18 to 24 in. XX
 \$30.00 95.00

PINUS (Pine).

mughus (Mugho Pine).

2 to 4 in. X. 7.00 25.00 195.00
 4 to 6 in. X. 8.00 35.00 250.00

nigra (Austrian Pine).

4 to 6 in. X.... 4.50 15.00 120.00
 9 to 12 in. X. 8.50 30.00 270.00
 10 to 18 in. X 15.00 50.00

ponderosa (Western Yellow).

4 to 6 in. X 4.50 16.00 140.00
 9 to 12 in. X. 9.00 28.00 200.00

resinosa (Norway Red Pine).

4 to 6 in. X 18.00 125.00
 7 to 14 in. X....10.00 35.00 200.00

strobus (White Pine).

6 to 8 in. X.... 7.50 21.00 165.00
 14 to 18 in. X 18.00 60.00

sylvestris (Scotch Pine).

5 to 10 in. S 8.50 70.00
 6 to 9 in. X.... 5.50 18.00 150.00
 12 to 18 in. X 10.00 35.00 280.00

THUJA (Arborvitae)

occidentalis (American Arborvitae or White Cedar).

6 to 8 in. S.... 7.50 50.00
 9 to 12 in. X.... 9.50 30.00 240.00
 12 to 15 in. X 12.50 40.00 340.00

globosa (Globe shaped).

6 to 8 in. X....18.00 60.00

9 to 12 in. XX 28.00 100.00 900.00

pyramidalis (Pyramid AV).

4 to 6 in. X....12.00 45.00 400.00

TSUGA (Hemlock).

canadensis (Northern Hemlock).
 4 to 7 in. X.... 7.50 25.00 150.00

(Larger grades on page 51)



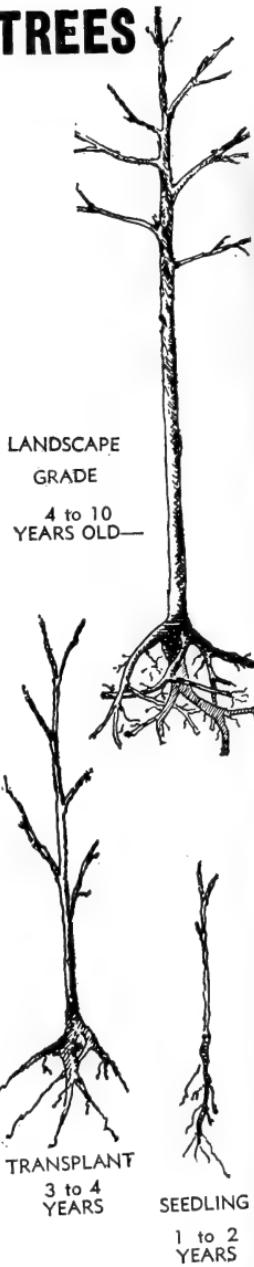
BARGAINS IN LARGER YOUNG TREES

(For description See "Deciduous Trees" pages 15 to 25)

For those who want quick results yet not have to pay for full specimens, we offer nice, well-rooted trees between 4 and 8 feet high. Yet you save 2 to 4 years over small seedling sizes at little extra cost. Packing included if cash accompanies order.

(X) **TRANSPLANTS** do give quick results. They are young and transplant easily and grow more vigorously than older stock.

	(10)	(100)	(10)	(100)	
ACER (Maple)			OXYDENDRUM (Sour-wood)		
Rubrum (Red Maple)			4 to 5 ft.	\$17.50	\$125.00
4 to 6 ft.	\$18.00	\$125.00	PLATANUS <i>occidentalis</i>		
6 to 8 ft.	35.00	225.00	(American Sycamore)		
saccharum (Sugar)			4 to 5 ft.	12.50	95.00
4 to 6 ft.	18.00	135.00	6 to 8 ft.	22.50	175.00
6 to 8 ft.	35.00	225.00	8 to 10 ft.	30.00	250.00
platanoides (Norway)			POPLAR , Lombardy		
4 to 5 ft.	12.50	100.00	5 to 6 ft.	8.50	65.00
BETULA (Birch)			Bolleana (neater, healthier)		
alba (European White)			4 to 5 ft.	17.00	150.00
4 to 5 ft.	30.00	250.00	QUERCUS (Oak)		
papyrifera (paper)			Coccinea (Scarlet Oak)		
4 to 5 ft.	18.00	150.00	4 to 5 ft.	25.00	180.00
populifolia (Gray)			Palustris (Pin Oak)		
4 to 5 ft.	18.00	150.00	4 to 5 ft.	30.00	250.00
CERCIS canadensis (Red Bud)			Borealis (rubra) Red Oak		
3 to 4 ft.	18.00	125.00	4 to 5 ft.	25.00	180.00
CLADRASTIS (Yellow-Wood)			SALIX (Willow)		
4 to 6 ft.	40.00	350.00	Babylonica (Weeping)		
CORNUS florida (dogwood)			4 to 5 ft.	12.50	110.00
4 to 5 ft.	35.00	280.00	Wisconsin (Hardy Weeping)		
FRAXINUS (American Ash)			4 to 5 ft.	12.50	110.00
4 to 5 ft.	13.50	120.00	Golden Weeping (Niobe)		
6 to 8 ft.	20.00	150.00	4 to 5 ft.	12.50	110.00
JUGLANS nigra (Walnut)			SORBUS (Mountain Ash)		
4 to 5 ft.	20.00	175.00	4 to 5 ft.	25.00	195.00
LIQUIDAMBAR (Sweet Gum)			TILIA (American Linden)		
4 to 5 ft.	20.00	175.00	4 to 5 ft.	18.50	145.00
LIRIODENDRON (Tulip)			6 to 8 ft.	30.00	250.00
4 to 5 ft.	18.00	150.00	ULMUS (American Elm)		
			5 to 6 ft.	18.00	150.00
			pumila (Siberian)		
			4 to 5 ft.	15.00	110.00



Young TREES at special PRICES



Among "slow" trees known to have reached 30 feet or more in their first 15 years of life are Red Oak, Pin Oak, most Maples, Liriodendron, several Birches, Black Locust and Linden.

Handling Young Trees

PLANTING—The first thing is to keep the package moist. Only when the planting bed is ready do you open it, and even then remove only one plant at a time from its wrapping to plant it. This is particularly important with evergreens, but good sense with all plants. The quicker the better—twenty seconds per plant is average.

WATER is usually critical the first week or two. Soak thoroughly when planting. Then again the next day. After that not oftener than twice a week.

(S) **SEEDLINGS** grow rapidly. Soak well after planting, and prune back. To keep a single stem: prune out all side twigs, and later again cut away all but one single stem.

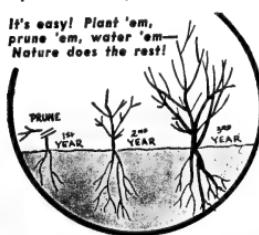
	(25)	(100)	(1000)		(25)	(100)	(1000)
ACER (Maple)				PLATANUS (Sycamore)			
<i>rubrum</i> (Red Maple)				<i>occidentalis</i>			
*18 to 24 in.	\$5.00	\$15.00	\$95.00	*12 to 18 in.	3.00	9.00	50.00
<i>saccharum</i> (Sugar Maple)							
*12 to 18 in.	12.50	85.00					
2 to 3 ft.	13.00	40.00	300.00				
BETULA (Birch)				POPULUS (Poplar)			
<i>populifolia</i> (Gray Birch)				<i>nigra italicica</i> (Lombardy Pop.)			
18 to 24 in.	6.00	18.00	120.00	*18 to 24 in.	3.50	10.00	60.00
<i>papyrifera</i> (Paper Birch)				*3 to 4 ft.	6.00	18.00	120.00
*12 to 18 in.	16.00	120.00					
*2 to 3 ft.	8.00	25.00	180.00				
<i>alba</i> (White Birch)				QUERCUS (Oak)			
*12 to 18 in.	6.00	18.00	135.00	<i>alba</i> (White Oak)			
CERCIS (Red Bud)				*12 to 18 in. S	6.50	20.00	160.00
*12 to 18 in.		9.00	50.00	Palustris (Pin Oak)			
CORNUS (Flowering Dogwood)				*12 to 18 in. S	6.50	20.00	160.00
<i>florida</i> (White Flowering Dogwood)							
*12 to 18 in. S	4.00	12.00	95.00	rubra (Red Oak, Northern)			
FRAXINUS (American Ash)				*12 to 18 in. S	6.50	20.00	160.00
12 to 18 in. S	2.50	6.00	45.00	coccinea (Scarlet Oak)			
2 to 3 ft. S	3.50	9.00	60.00	*12 to 18 in.	6.50	20.00	160.00
JUGLANS (Walnut)							
<i>nigra</i> (Black Walnut)				SOPHORA			
*12 to 18 in. S	4.50	14.00	95.00	<i>Japonica</i> (Pagoda-tree)			
LIQUIDAMBAR (Sweet Gum)				*12 to 18 in. S	12.00	35.00	250.00
*12 to 18 in. S	5.00	15.00	95.00				
LIRIODENDRON (Tulip Tree)				SORBUS (Mountain Ash)			
<i>tulipifera</i>				<i>aucuparia</i> (European Mt. Ash)			
*12 to 18 in.	3.50	10.00	80.00	*12 to 18 in.	9.50	30.00	225.00
MORUS (Mulberry)							
<i>alba</i> (Russian Mulberry)				TILIA (American Linden)			
*12 to 18 in.	6.00	40.00		*12 to 18 in. S	10.00	28.00	170.00
*2 to 3 ft.	3.00	9.00	75.00				
				cordata (Little Leaf)			
				*12 to 15 in.	12.00	40.00	350.00
				ULMUS (Elm)			
				<i>americana</i> (American Elm)			
				*2 to 3 ft.	3.00	9.00	70.00
				pumila (Chinese or Siberian Elm)			
				*2 to 3 ft.	4.00	10.00	80.00

DECIDUOUS SHRUBS

for HEDGE, and
SCREEN planting.

Where quantity is needed and quick results. These grow quickly and are easily planted now, when small.

It's easy! Plant 'em,
prune 'em, water 'em—
Nature does the rest!



The "X" grade
specimen Barberry
above, grew in six
years from the "S"
grade, seedling
shown at the right.

at Special QUANTITY PRICES

(See pages 34 to 42 for descriptions)

(25) (100) (1000)				
AMELANCHIER (Shadblow)				
canadensis (Downy Shadblow)				
12 to 18 S \$5.00 \$16.00 \$120.00				
 CYDONIA (Quince)				
Japonica (Flowering Quince)				
12 to 18 in. S 4.50 13.00 80.00				
 ELEAGNUS (Russian Olive)				
12 to 18 in. S 3.00 9.00 65.00				
 FORSYTHIA				
Spectabilis.				
12 to 18 in. S 3.50 9.50 55.00				
2 to 3 ft. X 15.00 55.00 400.00				
 HYDRANGEA PeeGee (white to pink, Aug.)				
12 to 18 in. S 6.50 22.00 180.00				
2 to 3 ft. X 15.00 50.00 400.00				
 LONICERA (Honeysuckle)				
—Tatarica (Pink or White)				
12 to 18 in. S 4.00 12.00 80.00				
1½ to 2 ft. X 10.00 35.00 200.00				
 —fragrantissima				
12 to 18 in. S 5.00 15.00 90.00				
2 to 3 ft. X 15.00 50.00				
 MACLURA (Osage Orange)				
12 to 18 in. S. 2.50 7.50 55.00				
 PHILADELPHUS coronarius				
12 to 18 in. S. 4.50 15.00 90.00				
1½ to 2 ft. X 10.00 35.00 200.00				
 RHAMNUS (Glossy Buckthorn)				
12 to 18 in. S 12.00 85.00				
 —				
(25) (100) (1000)				
SPIRAEA Anthony Waterer				
6 to 9 in. S .. 8.00 25.00 180.00				
12 to 15 in. X 18.00 55.00				
 —Van Houttei (Modern Bridal- wreath)				
12 to 18 in. S 5.00 15.00 85.00				
1½ to 2 ft. X 12.00 40.00 250.00				
 SYMPHORICARPOS				
—racemosus (Snowberry)				
12 to 18 in. S 5.00 15.00 90.00				
2 to 3 ft. X 10.00 45.00				
 SYRINGA (Lilac) vulgaris				
12 to 18 in. S 5.00 18.00 150.00				
12 to 18 in. X 14.00 45.00				
 —Persian Lilac				
12 to 18 in. S 8.00 25.00 195.00				
3 to 4 ft. X 25.00 95.00				
 VIBURNUM American (Amer- ican Cranberry)				
6 to 12 in. S 5.00 15.00 100.00				
12 to 15 in. X 10.00 35.00 250.00				
 —Carlesii (May Viburnum)				
8 to 12 in. S 20.00 65.00 500.00				
 —opulus (European Cranberry)				
12 to 18 in. S 8.00 25.00 200.00				
 —tomentosum				
12 to 15 in. S 12.00 45.00 250.00				
18 to 24 in. X 22.00 80.00 600.00				
 WEIGELA rosea (pink)				
12 to 18 in. S 5.00 15.00 90.00				
2 to 3 ft. X .. 16.00 55.00				

Deciduous Hedges

Privet Hedges (Ligustrum)

4 to 8 feet high. Space 1 foot apart in 2 rows, staggered. (100 plants do 50 feet of hedge).

(25) (100) (1000)

—ibolium (Hybrid Privet), also:

—ovalifolium (California Privet)

—amurense (Amur Privet North)

12-18 in. (2 Br.) 3.50 10.00 80.00

1½-2 ft. (3 Br.) 6.50 20.00 160.00

2-3 ft. (4 Br.) 10.00 30.00 200.00

Barberry Hedge

2 to 4 feet high. Space 1 foot in single row. (25) (100) (1000)

BERBERIS Thunbergi (Japanese Barberry).

6 to 12 in. S .. 4.00 12.00 90.00

12 to 15 in. S .. 5.00 18.00 120.00

12 to 18 in. X .. 15.00 45.00 400.00

B. thunbergii Atropurpurea

6 to 12 in. S 6.00 18.00 160.00

12 to 15 in. S 8.00 25.00 200.00

12 to 18 in. X 20.00 70.00

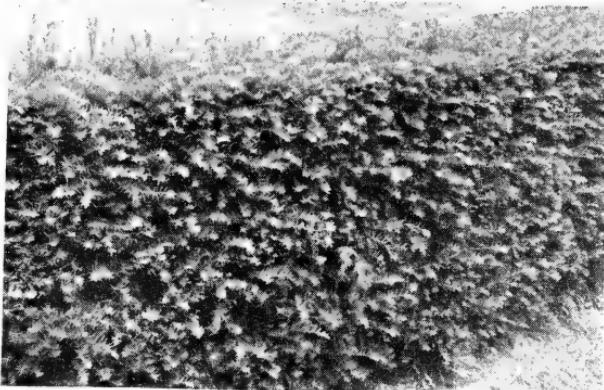


Photo
Yew hedge

LIVING FENCES

EVERGREEN HEDGES

Give year around protection, with little upkeep. They are not slow to make a luxurious showing.

Yew Hedges (*Taxus*)

TALL, 5 to 8 ft. high, 3 to 4 ft. wide. *Taxus capitata* (Upright Yew). (10) (25) (100)
9-12 in. XX.....16.00 35.00 130.00
12-15 in. XX....22.00 45.00 150.00

BROAD, 2 to 4 ft. high, 2 to 4 ft. wide. *Taxus cuspidata* (Spreading Yew).

10-12 in. XX....15.00 35.00 120.00
12-15 in. XX....19.00 45.00 160.00

LOW, 1 to 3 ft. high, 1 to 3 ft. wide. *Taxus nana brevifolia* (Dwarf Yew).

9-12 in. XX.....20.00 45.00 160.00

NARROW, 4 to 6 ft. high, 1 1/2 ft. wide. *Taxus Hicksii* (Hatfield).

9-12 in. XX....15.00 35.00 120.00
12-15 in. XX....24.00 50.00 180.00

BUSHY, 6 ft. high, 2 ft. wide. *Vermeulen's Yew*.

9-12 in. XX.....15.00 35.00 120.00

Hardy, disease-free, tolerant. Set Yew 1 1/2 feet apart.

HURRY HEDGES for those who need protection quickly, are best in deciduous kinds, like Privet on opposite page. Even faster, for quite tall screens, would be Lombardy or Bolleana poplar. But evergreen kinds will grow tall in time. Why not set a row of poplar, then 3 feet behind, plant your evergreen hedge? In a year or two the screen of poplar is effective. In ten years, when it becomes straggly (perhaps) the evergreen hedge is then large enough to take over alone, and the poplars can be cut down. (They are cheap enough — see page 49.)

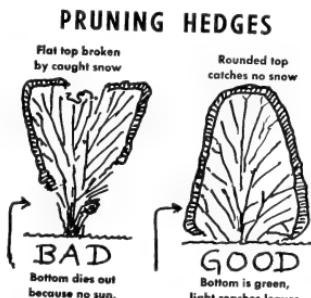
ROSA MULTIFLORA

Plant a single row, 1 foot apart. Cut back roots to 8 inches, tops to 3 or 4 inches on planting.

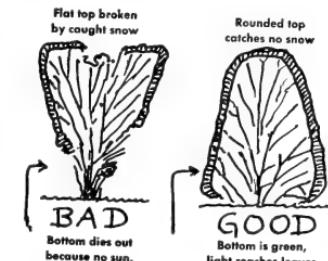
No repairs, no maintenance problems, it just grows. No animals can get through, yet birds and small game can use it for refuge. It can be kept 5 feet high, width 8 feet. Not for small gardens.

(100) (1000)

9-12 in. S \$8.50 \$70.00
18-24 in. S 12.50 95.00



PRUNING HEDGES



Hemlock Hedge (*Tsuga*)

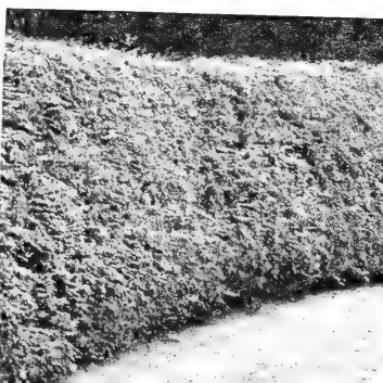
Tsuga Canadensis (Northern Hemlock). Zone III. A fine, even, smooth dark green surface unlike any other hedge. Thrives in soils ranging from ordinary to damp, and from full sun to full shade, hence is easy to grow. Set plants 1 1/2 ft. apart. (25) (100)

9 to 12 in. XX....16.00 60.00

12 to 15 in. XX....22.00 80.00

15 to 18 in. XX....35.00 130.00

Hemlock hedge





1. Clematis Jackmani
3. Lonicera sempervirens



2. Campsis radicans
4. Celastrus scandens

VINES

These plants are really shrubs that climb; plant just like shrubs (see Page 34). Evergreen kinds are treated like broadleaf evergreens (Page 8). Vines and plants for Ground Covers are on next pages.

Their climbing habits vary: Some need tying, others will twine if supports are available, others cling or root to rough surfaces without support. All are tolerant.

AKEBIA Quinata (Five-leaf Akebia). Zone V vine. Handsome purple bloom in May. Sun. Drain. Free of disease. Fast growing.

(Pots) \$2.50 ppd., 5 for \$9.50

AMPELOPSIS brevipedunculata (heterophylla). Vigorous vine. Zone IV. Showy bright blue berries, Sept.-Oct. Called "Porcelain Ampelopsis." An excellent vine. Tolerant.

4 year \$3.25 ppd., 10 for \$20.00

(See also **PARTHENOCISSUS**)

ARCOSTAPHYLLOS. (Page 54).

BIGNONIA (now **Campsis**).

CAMPSIS radicans (Trumpet Vine). 60 ft. Vine. Zone V. Scarlet flowers, July to Sept. Prefers humus. Trained on a post, covers it quickly, and seems a small tree.

*12-in. S 100 \$9.50
2-year \$1.50 each, 5 \$5.00

—**Yellow Trumpet.** Beautiful color, hardy, outstanding, rare. 3 year \$3.50 ppd., 5 for \$12.50

—**Mme. Galen.** Orange and apricot. Gorgeous, showier. Hybrid. 2 year \$4.50 each

CLEMATIS paniculata (Sweet Autumn Clematis). 25 ft. Zone V. Woody and vigorous. Fragrant white, Sept.-Oct. Free from pests. 2 year \$1.80 each, 10 \$12.50

CELASTRUS scandens (American Bittersweet). 20 ft. Zone IV.

*12-in. S 10 for \$2.75, 100 \$12.50
2 year \$1.75 each, 10 for \$12.00

Loesneri. 20 ft. Zone V. Red and yellow fruit. Most fruitful and showy of all bittersweets.

2 year \$2.50 each, 6 for \$12.00

Orcibulatus (Oriental Bittersweet). 30 ft. Vine. Zone V. Brilliant red and yellow fruit.

*12 in. S 10 for \$2.75, 100 \$12.50
2 year \$1.50 each, 10 for \$9.50

CLEMATIS Hybrids. 8 ft. Zone V. Bloom July and August. Light loam, manure, drain. Sun.

—**Crimson Star.** Clear red.

—**Mrs. Cholmondeley** — Large, delicate wisteria—blue.

—**jackmani.** Popular rich purple. 2 year \$2.50 each

EUONYMUS fortunei radicans (Winter-creeper). 20 ft. Vine, self-climbing. Zone V. Evergreen. Dainty leaves.

*2 1/4 inch pot 10 \$9.75, 100 \$50.00
2 year 5 for \$7.50

—**coloratus.** Rosy-purple leaf.
*2 1/4 in. pot 10 \$8.00, 100 \$50.00
2 year \$1.75 each, 10 \$12.00

—**carrii.** Glossy leaf.
*2 1/4 in. pot 10 \$9.75, 100 \$50.00
4 year \$3.75 each

—**kewensis.** Tiny dwarf.
3 in. (pot) \$2.50 each, 5 for \$10.00

HEDERA helix (English Ivy). 60 ft. Vine. Zone V. Evergreen. Self-clinging. Any soil.

*2 1/4 in. pots 10 for \$5.50, 100 \$35
3 inch pots 5 \$5.00, 100 \$90.00

—**h. baltica** (Baltic). Smaller leaf. Zone V.

*2 inch pot .25 \$7.50, 100 \$26.00
3 inch pot \$1.25, 10 \$9.00, 100 \$72

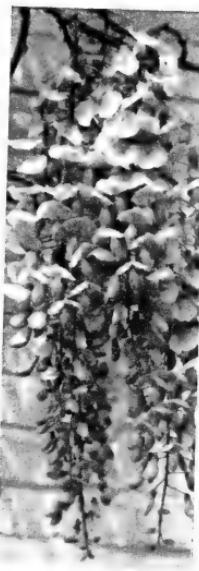
—**J. C. Bunch**. A heavier growing Baltic Ivy.

*2-inch pot .5 \$3.50, 100 \$35.00

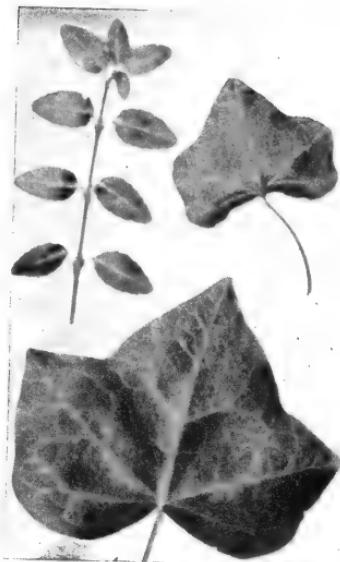
THORNDALE HARDY IVY.

New form of *Hedera helix* hardy in Zone IV. Otherwise like English Ivy. Very useful. New.

*2-in. pot 10 for \$6.50, 100 \$50
4-in. pot \$2.50 each, 10 \$19



Wisteria Blooms



Top: *Euonymus radicans* and Baltic Ivy.
Below: English Ivy.

HYDRANGEA petiolaris (Climbing Hydrangea). 35 ft. Vine. Zone III. Self-climbing. Handsome white in June.

2 year\$3.75 each, 5 for \$15.00

JASMINUM nudiflorum (Winter Jasmine). 15 ft. Zone V. Bright yellow, Feb. to April. Tolerant.

*6-12 in. X 5 for \$3.50, 100 \$35.00
18 in. X \$2.50 each, 5 for \$9.50

LONICERA heckrottii (Ever-blooming Honeysuckle). Dwarf vine. Zone V. Yellow and purple to Sept. Can be pruned as a shrub.

2 year\$1.75 each, 5 for \$6.50

—**heckrottii goldflame**. Color yellow and red, very showy form.

2-yr. No. 1 \$1.75 each, 10 \$15.00

henryi. Zone V. Truly evergreen. Yellow-orange in May, black berries in summer.

1-yr. No. 13 for \$5.75

japonica halliana (Japanese Honeysuckle). 20 ft. Zone V. Quick cover for walls or ground. Fragrant, yellow, June.

2-yr. No. 1, 5 for \$2.00, 100 \$18.00

PARTHENOCISSUS quinquefolia (Virginia Creeper). Vine. 30 ft. Zone V. Vigorous. Fall color.

*12 inch S 10 for \$3.90, 100 \$25
2 year 5 for \$4.50, 100 \$60.00

—**engelmanni** (Engelmann Ivy). The same with smaller leaves.

2 year5 for \$4.50, 100 \$65.00

tricuspidata (Boston Ivy). Vine 40 ft. Zone V. The most popular. Self-clinging. Dense. Fall color.

2 year X \$1.75, 10 \$10.00, 100 \$85

—**tricuspidata lowi**. A neater, smaller leaf, denser growth. Very fine.

2 year\$3.35 each, 3 for \$8.00

POLYGONUM auberti (Silver Lace Vine). 25 ft. Zone V. Amazingly fast grower. Covered with white bloom September and October. Tolerant. Prune back to live wood each spring.

2 year\$1.75 each, 5 for \$6.00

WISTERIA

floribunda (multijuga); (Longcluster Wisteria). 25 ft. Zone V. Fragrant purple long cluster, May-June. Humus, drain, sun.

*1 yr. S 10 \$4, 100 \$25
2 year \$1.95, 5 \$7.50

—**praecox** (Issai). Dwarfer, blue. Very young to bloom. Showy.

3 year \$6.00 each

—**alba**. Long white clusters.

3 year \$6.00 each

—**rosea**. Pink form.

2 yr. \$3.75, 10 \$30.00

—**sinensis** (Chinese Wisteria). 30 ft. Zone V. Short, compact, violet in May. Fragrant. Sun, drain.

*18 in. S 10 for \$6.00
2 year \$1.75, 10 \$15.00

FERNS

fine ground covers
in the shade

(Postpaid)

5 of one kind \$2.50

10 of one kind \$4.75

(Express)

100 for \$25.00

LEATHER WOODFERN (*Dryopteris marginalis*).

Tolerant, deep shade. Evergreen leaves 30 inches.

CINNAMONFERN (*Os-munda*). 60 inches. Any moist soil.

CHRISTMASFERN. 12 in. Dry shade. Evergreen.

CLIFF - FERN (*Poly-podium*). 6 in. Evergreen, drain.

EBONY SPLEENWORT
(*Asplenium*). 6 inch evergreen. Semi-shade.

HAYSCENTED FERN
(*Dunnstaedtia*). 18 inches. Tolerant.

MAIDENHAIR (*Adian-tum*) Rich, moist, but drained soil. Easily grown. Showy and popular.

LADYFERN (*Athyri-um*). 15 in. Shade. Very attractive.

OSTRICH FERN (*Pter-etes nodulosa*). 36 inch. Very tolerant. This makes a delicious, nutritious asparagus substitute



Photo: Vinca Minor



DECIDUOUS GROUND COVERS—vigorous, for bad slopes

(25) (100) (1000)

LONICERA japonica (Honeysuckle)—Sun or shade. Any soil.

2-year light 9.50 80.00
2-year No. 1 grade 6.50 18.00 140.00

PUERARIA thunbergiana (Kudzu)—Very fast, handsome, but coarse grower. Holds banks in poor soil, enriches soil nitrogen. Zone VI.
2-year (No. 1 Crowns) 4.50 14.00 80.00

ROSE wichuriana (Memorial Rose)—Branches grow quickly, droop and root. Thickset effect. Best in sun. Zone IV. Space 2 ft. apart.
2-year field grown X 18.50 60.00
1-year (6 to 12 in. S) 8.00 25.00 150.00

VINCA (The Myrtle)

The most satisfactory, showy, trouble-free of all ground covers. The leaf is small, shiny, dark green all year round. Even in full shade, the leaves grow thickly. It spreads by underground roots. To be sure of coverage within (say) 2 years, we recommend spacing 12 in. apart. There are blue flowers, showy and cheerful, all spring. Will grow and thrive in any soil. **Planting—Clumps come tied compactly. Untie and spread out.** (25) (100) (1000) Strong clumps \$5.00 \$15.00 \$120.00

BOWLES (Improved) VINCA
2 year pots 12.00 40.00

See also on per-
ennial pages, a few
ground covers worth
using.

Thyme collection
for stepping stones
(page 60).

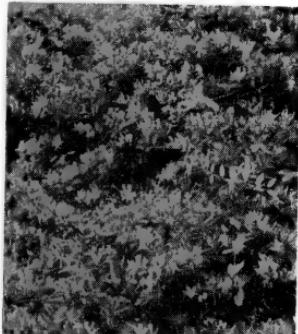
Ajuga (Bugle) on
page 66.

Lily-of-the-Valley
on page 63.

plants that cover
the ground where grass will
not thrive are



Pachysandra



Honeysuckle



Baltic Ivy

LIVING
CARPETS

Steep slopes can be put into grass and mowed. But it is constant work and worry. The following plants do the job better. There are almost no maintenance problems. Eventually one plant will cover a large area, but on banks it is important to get the soil held quickly. We suggest banks steeps be planted 10 inches apart each way—gentler slopes 1 foot, except as noted on descriptions.

EVERGREEN GROUND COVERS

(10) (25) (100) (1000)

PACHYSANDRA terminalis—Tolerant in poor soil and shade. Set 3 to each sq. ft. Zone V.

1 year field grown..... \$ 3.50 \$ 9.50 \$ 85.00

HEDERA baltica (Hardy English Ivy)—Fine ground cover for steep slopes in shade or sun. Zone V. Space 1½ ft.

2-in. pots	7.50	26.00	240.00
3-in. pots	\$8.50	20.00	75.00
		

THYMUS SERPYLLUM (Creeping Thyme)—A mat in sun or light shade that blankets the ground. Evergreen. Can be walked on. Zone III. Set 12 in. apart. Well drained soil.

Sturdy plants	12.00	40.00	350.00
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HARDY GALAX (Galax aphylla)—Huge bronze and green leaves. Moist shade.

Clumps with ball	6.00	10.00	30.00	290.00
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TRAILING ARBUTUS (Epigaea repens)—Waxy pink, May. Zone II, acid soil, semi-shade.

Balled clumps	6.00	10.00	30.00
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OCONEE BELLS (Shortia glacifolia)—Rarest of all. Zone V. Evergreen leaf, showy pink-white flower spike.

Clumps	6.00	10.00	30.00
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BEARBERRY (Arctostaphylos uva-ursi)—Low matting evergreen. For sandy banks—succeeds even on seashore. Sun, drain.

Pot-grown	9.50	20.00	75.00
-----------------	------	-------	-------	-------

WINTERGREEN (Gaultheria procumbens)—Small neat mat of evergreen in baking sun.

Balled clumps	4.00	8.00	25.00	200.00
---------------------	------	------	-------	--------

MOTTLED WILDFINGER (Asarum shuttleworthii)—Large, round evergreen leaves, shade or sun. Hardy.

Strong clumps with ball.....	6.00	10.00	30.00
------------------------------	------	-------	-------	-------

UNUSUAL BERRIES

New American Mulberry

Ever - bearing, from June until September. Large, refreshing berries without the mawkish sweetness. Zone IV. 3 to 4 ft.

\$4.20 each, 10 \$35.00

Dwarf Juneberry

Amelanchier berries are known as "Bilberries" or "Serviceberries." Dark red fruit in July. This form grows 12 ft. Zone II.

1½-2 ft. plants:
\$2.25 each, 10 for \$15

Highbush Cranberries

Large fruited, heavy-yielding type of Viburnum trilobum—high in pectin. Zone I. Make sauce or jelly, same as with cranberries, but strain to keep out pits. 2 feet plants:

\$1.65 each, 10 \$13.50

Adams Elderberry

The large berries and extra fruit clusters are a decided improvement for pies, jam and wine. Zone IV.

1½ feet plants:
\$1.85 each, 10 \$15.00

Buffalo Berry

(*Shepherdia argentea*) Zone I. Fruit scarlet red, and sprightly acid, and agreeable flavor, makes an excellent sauce or jelly served with meats. Showy through autumn. Bushy 2 foot plants, 2 for \$2.90, 10 \$12.00.

Below: Blueberry



SPACING FRUIT	
All Dwarfs	.10 by 10 ft.
Standards:	
Apple	.30 by 30 ft.
Cherry	.25 by 25 ft.
Peach, Plum	20 by 20 ft.
Pear	.25 by 25 ft.
Apricot	.12 by 12 ft.
Raspberry	.2 by 4 ft.
Grape	.8 by 10 ft.
Blueberry	.4 by 6 ft.
Chestnut	.30 by 30 ft.
Walnut	.40 by 40 ft.



Photo: Highbush Cranberry

Huge Hybrid Blueberries

Really beautiful as specimens or in hedges. Suited for use in small quantities in the small garden. A 100-foot hedge will pay about \$25 worth of berries a year! (Spaced 18 ins.)

Why Wait? Plant Some NOW!

And enjoy the berries sooner. Not only will add to your garden but pay back cost many times over! Hardy throughout U.S.A.

NAMED KINDS (Each) (10) (50)

3 yr., 12 to 18 inch	\$2.00	\$15.00	\$50.00
3 yr., 18 to 24 inch	2.75	18.50	65.00
4 yr., 2 to 3 ft. (bearing)	3.50	25.00	90.00

MIXED: (All varieties are splendid eating)

12 to 18 inch	12.50	48.00
18 to 24 inch	16.50	60.00

Jersey. Large, vigorous. Hardiest. Early July.

Rancocoas. Early, good quality.

Pemberton. Large, mild and bland.

Burlington. Large, latest of all.

Rubel. Tall grower, erect. Late.

Dixie. Huge, high flavor.

Weymouth. Earliest of all. Best for cooking.

Concord. Midseason. Upright. Fine quality.

Stanley. Early July. Tall. Large berries.

Set the plants in beds 4 feet apart. Several varieties should be included in planting, as an exchange of pollen is necessary to produce good crops of berries. (Or order "mixed").

Blueberries require an acid soil containing peat or other rotted vegetable matter. They need a moderate supply of soil-moisture.

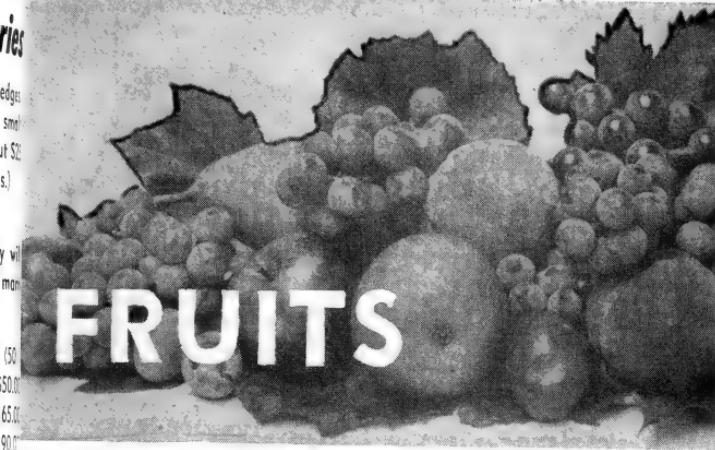
New Varieties of Blueberries

Berkeley—Finest home berry. Vigorous.

Earliblue—Very hardy. Early. Grand.

Herbert—Extra hardy. Late. Huge.

12-18 inch.....\$3.00 each, 10 \$25.00
(1 each, all three, for \$8.75 ppd.).



SELF-STERILE FRUITS

Many fruits do not bear good crops if planted separately. Pollen from nearby trees of different variety is often needed. Noted on next pages by:

- self-unfruitful. Do not plant by itself, but with another variety of the same fruit.

(P)—Good pollenizer.

Fruit trees and shrubs are planted like any other deciduous tree. Most need some care, but those most labor-saving include: Crabapples, Blueberry, Blackberry, nut trees and (in regular fruit) the dwarfed forms rather than the standard trees. An orchard so planted can be less than half as much work and expense.

BERRIES

Berries come on old wood only, so prune right after picking.

Black Raspberry (10) (100)

Morrison. Vigorous. Late, keeps bearing after other black-caps.

..... \$3.75 \$25.00

Bristol. Standard, good, early. (10) (100)

..... \$2.50 \$15.00

Purple Raspberry

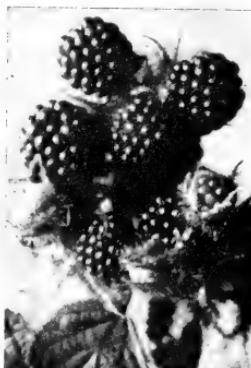
Sodus. Heaviest bearer of all raspberries \$2.75 \$17.50

Red Raspberries

(*Rubus Strigosus*) Zone I

Latham. Old variety, very dependable. \$2.75 \$18.00

September. Crops spring and autumn. The best "Everbearing". \$3.50 \$20.00



Yellow Raspberry (10) (100)

Amber. Large fruits, high quality. Zone IV. \$3.50 \$17.50

Blackberries

(R. Species) Zone III

Midnite. Large berry. New. Vigorous. \$4.00 \$29.00

Eldorado. The standard variety. 2.50 15.00

Dewberry

Lucretia is hardy in Zone VI. Like a blackberry, but better. Trailing. \$2.50 \$15.00

Wineberry

(*R. phoenicolasius*). Zone V. Juicy, red, fragrant. Fruit in large clusters. Absolutely laborless. Bears on both old and new wood—so might fruit next summer! Unique.

(10) (100)
1 year \$4.00 \$25.00

White Blackberry

Iceberg is a novelty whitish blackberry. Good flavor. \$2.75 \$19.00

Thornless Boysenberry

Huge, 2 in. berry, highest quality of all brambles. Prolific. No better berry known. Zone VI.

1 year \$2.75 \$15.00

Dwarfed Fruits

Available in All Varieties Listed.

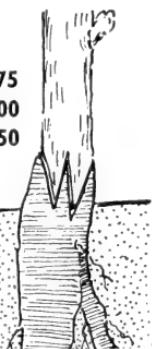
A tree whose fruit is as large or larger than ordinary, but which never grows very tall—perhaps ultimately 12 to 15 feet. Space 12 ft. apart.

PRICES: All kinds listed here:—
(50c packing on orders under \$10.00)

1 year—Not branched	\$2.75
2 year—Branched	4.00
3 year—Heavier	5.50

If extra dwarf apples
wanted specify Malling 9.

Planting Depth should be so that the graft is just above the ground or an inch above. If too deep the scion develops its own roots and the tree is no longer dwarf. If too high, rootstock suckers.



Standard Fruits

Available in All Varieties.

APPLES—2-year, 5-6 ft. 11/16 in.	\$2.25
CHERRIES—2-yr., 4-5 ft. 11/16 in.	2.95
PEACHES—1-yr., 4-5 ft. 9/16 in.	2.00
PEARS—2-yr., 4-5 ft.	2.50
PLUMS—2-yr., 4-5 ft.	2.50
APRICOT—2-yr., 4-5 ft.	2.25
NECTARINE—1-yr., 3-4 ft.	2.40
QUINCE—2-yr., 4-5 ft.	2.50

Espaliered Fruit

(Available in Apples, Pears only)

Ten to twelve feet is the maximum height to which true dwarf Espaliers will grow. Little pruning is needed—beyond keeping the small new spurs from reaching more than six inches outside of the main stems. When a spur has borne it will continue to bear. Pick the stem with the fruit.

Peach (Zone 5)

Needs annual pruning. Standard: Space 16 ft., bear 3rd year. Dwarf: Space 10 ft., bear 2nd year.

Belle of Georgia. White, rich flavor. Vigorous, productive. Sept. Extra hardy.

Elberta. Yellow. Fruit large firm. Good canning. Sept. 15.

Early Elberta. Similar, Sept. 5.

Golden Jubilee. Yellow. Aug. Extra hardy. Juicy, sweet.

• **Hale Haven.** A marvelous large yellow peach. Hardy. Delicious flavor. Early Sept.

Pears (Zone 4)

Dwarf: Space 12 ft., bear 3rd year. Standard: Space 20 ft., bear 6th year.

• **Bartlett.** Large, rich juicy, golden. Canning, eating. Sept.

• **Beurre Bosc.** Very large, rich, juicy. Late Sept.-Nov. Eating.

Duchess d'Angouleme. Extra large, greenish yellow, spotted. Excellent. Young bearer.

• **Clapp Favorite.** (P) Fruit large, pale, fine-grained, juicy. August.

• **Seckel.** Small, attractive. Blight-resistant. Sept.-Oct. Eating, pickles.

• **Gorham.** A bartlett. October.

• **Anjou.** Large yellow. Tender, very juicy, spicy, rich. Eating. October.



U-Form
4 to 6 feet
(2 feet wide)
\$13.50 each



Four-Arm
5-6 ft. (hvy.)
(4 feet wide)
\$25.00 each



Fan-Shaped
6 to 8 feet
(8 feet wide)
\$22.50 each

Cherries

Need extra heavy pruning when planted.

SOUR (P. *Avium*) (Zone 4)

Early Richmond. Clear red, medium sized, June.

Montmorency. Largest, firm flesh. Disease resistant. Finest quality. June.

English Morello. Best late variety. Mid-July. Tart, large, red.

SWEET (P. *Cerasus*) (Zone 5)

- **Black Tartarian.** (P—Best.) Purplish black, juicy, rich flavor. June.

- **Windsor** ("Black Oxheart"). Large, dark, juicy, firm. July.

- **Napoleon** ("White Oxheart"). Rich, sweet yellow. Late June.

- **Schmidt Bigereau.** Huge black. Delicious. Early July.

Plums (Zone 3)

Trifloras and European varieties do not cross-pollinate.

TRIFLORAS (P. *Salicina*)

- **Abundance.** Red, medium sized. Flesh yellow, juicy. Vigorous, productive. Aug.

- **Burbank.** Red, medium sized. Flesh yellow, very juicy. Aug.

Santa Rosa. Large juicy red. August.

- **Formosa.** Large yellow. Sept.

EUROPEAN (P. *domestica*)

German Prune. Large, dark blue. August.

- **Lombard.** Medium size, juicy, dark red. Hardy, prolific.

- **Reine Claude** (Bavay's Green Gage). Large yellow. Late Sept.

Stanley. Large dark blue prune. Annual bearer. Late Sept.

Damson. Small, purple. Cooking. Sept.

- **Shiro.** Gold, juicy, August.

- **Bradshaw.** Large dark violet. Annual bearer. Delicious quality. Sept.

Apples (Zone 2)

SUMMER APPLES

Red Astrachan. (P) Large striped red. Young biennial bearer. Eating, cooking.

Early McIntosh. (P—best for Northern Spy.) Like McIntosh. Biennial bearer. Eating, cooking, baking.

Yellow Transparent. Golden, juicy. Young biennial bearer.

Duchess Oldenberg. (P) Extra hardy, large striped. Biennial. Eating, baking.

AUTUMN APPLES

Gravenstein. Large striped red. Good quality. Eating, cooking.

- **McIntosh.** (P) Striped, aromatic flesh. Young annual bearer. Eating, cooking, baking.

- **Red McIntosh.** (P) Solid red. **Wealthy.** (P) Striped young annual bearer. Eating, cooking.

WINTER APPLES

- **Cortland.** (P—best for McIntosh.) Annual bearer. Eating, cooking.

- **Delicious.** (P) Crimson. Crisp tender, juicy. Annual bearer.

- **Golden Delicious.** Large, yellow. Marvelous flavor. Young annual bearer. Eating, cooking.

- **Northern Spy.** (P—for all but McIntosh). Large red, striped, high flavor. Annual bearer. Eating, cooking.

Jonathan. (P) Small, but crisp, juicy. Biennial. Eating.

Rome Beauty. (P) Annual bearer. Striped, large. Eating, cooking.

- **Stayman Winesap.** Young annual bearer. Zone V or South. Crisp, juicy. Baking, eating.



All kinds listed available in both dwarf and standard

Hybrid Grapes

No permanent canes needed; only a short trunk or shank. Grapes grow on new wood, which is pruned away each year. Zone V.

Grape Culture calls for plenty of humus in the soil. Old manure is far the best form, to produce vigorous spring growth. Extra moisture is needed as fruits fatten in summer. Otherwise grapes may be small, dry.

The European Grape (*Vitis vinifera*) is far superior to our native grapes. However, it has not the stamina to withstand sub-zero weather and succumbs to disease, while our hardy native grapes remain immune. These hybrids combine American health with European flavors.



5 Popular Hybrids \$2.00 each, 3 for \$4.50 ppd.

INTERLAKEN SEEDLESS

New hybrid seedless hardy in Zone IV. Very sweet, meaty and crisp. Amber color, tangy flavor. Ripens early (Sept. 1st).

STEUBEN (Blue-Black)

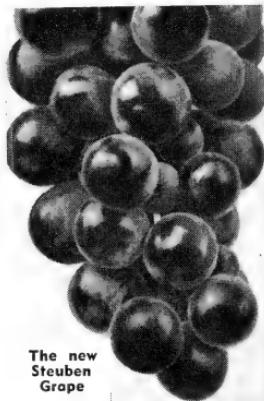
Exquisite flavor. Huge, long slender clusters. (Zone IV). Absolutely free from rot and mildew.

ROMULUS SEEDLESS

New American-European hybrid to Zone IV. Mid-Sept. Yellow, sweet, meaty. Fine seedless variety.

GOLDEN MUSCAT

California type, fine aroma. Large juicy, sweet and tender. Zone VI.



The new
Steuben
Grape

SEIBEL No. 9110

Yellow table grape of unusually fine dessert quality. Bears young.

Peppermint—spreads. 3 for \$2.25

Sage (*salvia officinalis*). 2 ft. Sun, gray leaf, purple flower. 3 for \$2.25 (10 for \$5.00)

Lavender (*Lavandula veris*). 18 in. Fragrant leaf and flower. Gather flower spikes when buds open.3 for \$2.50 (10 \$6.00)

Rosemary (*Rosmarinus officinalis*). Must winter indoors except in south. Narrow spicy leaf, delicious3 for \$2.75 (10 \$6.00)

Tarragon (*Artemesia dracunculus*). 2 ft. Narrow, glossy leaf, aromatic3 for \$2.25 (10 \$5.50)

HERBS PRICES POSTPAID

Most herbs are easy to grow in average soil, well drained and in full sun.

Kitchen Herb Collection: 3 each of six kinds: Chives, Peppermint, Rosemary, Tarragon, Sage, and Thyme, 18 plants in all, for \$13.90 postpaid.

Stepping-Stone Herbs:

Four kinds suited to growing between flags; spice the air, yet do not suffer from trampling: White Creeping Thyme, Crimson Thyme, Woolly Thyme, Lemon Thyme.

3 each (12 plants)
\$8.25 (ppd.)

10 each (40 plants)
\$20.00 (ppd.)

NUT TREES

There are good nuts to be grown in the north. Chestnuts from seed are young, heavy bearers. The Walnuts are hardy and also bear heavily and young. The first two years mulch well with hay or straw. Water if drought comes. Do not plant deeper than they were in nursery.

BLACK WALNUTS—Zone IV

One of our most beautiful native trees, growing well in any fertile well drained soil. The grafted sorts bear their first nuts commonly in the third to fifth year. Thomas is a rapid-growing kind. The meat is attractive and tasty, falls out easily in halves.

2 to 3 ft. ...\$2.75 each, 5 for \$11.75

ENGLISH WALNUT (Carpathian)

Fast growing to 30-35 feet. No spraying necessary. Good, flavorful nuts, easy to open. A boon for northern gardeners. Zone V. Glossy dark-green leaves.

2 to 3 feet....\$4.00 each, 5 for \$18

BUTTERNUT

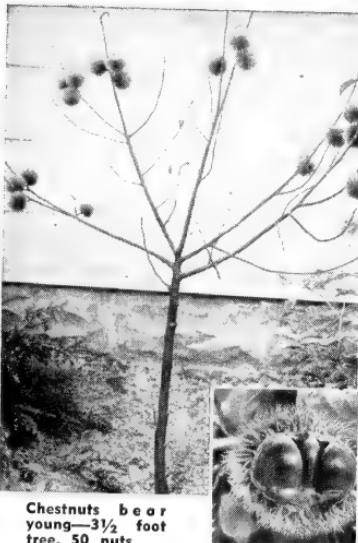
Juglans cinerea. 90 ft. Zone III. Very hardy. Nuts taste like Black Walnut.

12 in. S....10 for \$6.00, 100 \$39.00
3 ft. X....\$2.95 each, 5 for \$13.50

SHELLBARK HICKORY

Very tasty nuts on a large tree. Zone V. Damp soil.

*12 to 18 in. S....5 \$3.50, 100 \$30
3 to 4 ft.\$6.00 each



Chestnuts bear young— $3\frac{1}{2}$ foot tree, 50 nuts.

CHINESE CHESTNUT

(*Castanea mollissima*.)

Similar to the American in flavor (sweet) but inured to the Chestnut blight. Zone V. Bears very young. Needs cross pollinating, we will not sell less than 2 trees:

12 in. S ..25 for \$20.00, 100 \$65.00
3 feet X3 for \$7.50, 10 \$20.00
4-5 feet X2 for \$8.50, 5 \$13.50
6-7 feet (Bearing) 2 for \$12.95

European Filberts

Corylus avellina. 15 ft. Zone III. Good nuts, good dwarf trees.

*12 in. S....10 for \$6.00, 100 \$45.00

—Barcelona, Royal

3-4 ft.....(1 ea.) 2 for \$6.75

Hazelnut

Corylus Americana. 10 ft. shrub. Zone IV. Tasty nuts.

*6-12 in. S....25 \$5.00, 100 \$15.00
3-4 ft.\$2.75 each, 10 \$20.00

Hardy Pecan

Carya pecan. 50 ft. Zone V. Selected hardy strain. Good nuts.
3 ft.....\$4.00 ea., 3 \$11.00

UNUSUAL Fruits

Beach Plum

Prunus maritima grows 6 to 8 ft. high, hardy into Zone III. Thrives in gardens better than on seashore. Good drainage. Fine useful plums, for jam and jelly.

18-24 in. \$1.95 each
3 \$5.00

MEDLAR

Mespilus germanica. Zone V. Small tree, with pear-like fruit, of unique, soft, acid flavor, must ripen after picking. A favorite of medieval days, still liked.

2 yr. grafts 3 to 4 ft., \$5.00, 3 for \$13.50

Native Persimmon

Diospyros virginiana makes a 20 foot tree, moist soil. Zone IV. Fruit late fall, like figs.

4 to 5 ft....2 for \$8.50

HOWARD MIRACLE PLUM (Pat. No. 721)

Handsome tree, 20 ft. Zone III. But outstanding fruit, juicy, thin-skinned. Flavor something new, semi-tropical, truly delicious. Between a peach and a plum. Exciting.
3-4 ft. \$2.95 each
2 \$5.25



PERENNIALS

PAGES 62 TO 68

On these seven pages is packed more information and variety than in many a large perennial catalog. Strong, sturdy field-grown clumps are offered, except for kinds that do best in pots. Perennials are not shipped until late April and May as a rule, but ORDER NOW. We'll ship at the right time. Add 50c handling on perennial orders under \$5.00, otherwise all prices postpaid East of the Rockies.

Photo: Sunny Perennial Border—Ten showy yet labor-saving, insect-free plants for such a position are: Bearded Iris, Peonies, Thymus serpylloides, Aster in variety, Baptisia, Phlox, Physostegia, Teucrium, Coreopsis and Veronica.



Photo: Aster Frikartii

Baby's Breath (Gypsophila)

Bristol Fairy. Very dainty, many little blooms. 3 for \$6.00.

Rosy Veil. An early, compact dwarf Baby's Breath. Pink and white. 3 for \$3.50 (10, \$7.00).

PERENNIALS last for years in the ground. One plant in New England has been recorded at four generations.

HARDINESS is sufficient to grow most kinds up to Zone IV. Extra hardy sorts include: Aquilegia, Campanulas, Dianthus, Delphinium, Hemerocallis, Iris, Lilium, Peony, Phlox.

Astilbe Fanal

The name means "lighthouse" and the fiery red spikes brighten any garden. May-June. 15 inches high. Space 12 inches. Rich, humus, sun or semi-shade. 3 for \$4.00 (10 for \$10.00).

True Bleeding Heart

Dicentra spectabilis. Old favorite. Showy pink all summer. Space 19 inches, shade. Plant early in spring or wait till fall. 3 for \$4.50 (10 for \$9.50).

Christmas Rose

Handsome, but much over-rated in current popular advertising. But a fine small plant.

Helleborus Niger. Tiny evergreen, with white blooms. December to March. 3 for \$4.95, 10 for \$15.00.



Dianthus
(Hardy Carnations)



Christmas Rose

Aster Frikarti. The finest garden plant introduced in the last 20 years. Mass of flowers June to November. Sun or light shade. Ht. 30 in., space 15 in. Lavender blue. 3 for \$3.25. 10 for \$6.75.

Fall Asters. Tolerant, tall. Any one kind priced 3 for \$2.65.

—**Harrington Pink**—best pink.

—**Climax**—60-inch lavender.

—**Mt. Everest**—40-inch white.

—**Plenty**—40-inch sky-blue.

Hardy "Carnations"

Dianthus that look and smell like florists' carnations. Hardy. Blooms all summer. Either kind:—

Avalon—Red.

Silvermine—White.

3 for \$3.00, 10 for \$6.00

PLANNING A PERENNIAL BED

The first step is to run through the lists; jot down all kinds that will grow on your location. After each name mark height—low, medium or tall. Group the names in three lots—late, early and all-season bloomers.



Lily of the Valley

Convallaria majalis. These are rooted clumps, ready to bloom, not mere "pips." Fragrant, white sprays in May. Rich soil, in shade. 10 for \$5.00 (100, \$35.00)

Loosestrife (Lythrum)

Morden's Pink. Profuse spikes of rose-pink, June to Sept. Very tolerant. Height 2 ft., space 15 in. 3 for \$3.00.

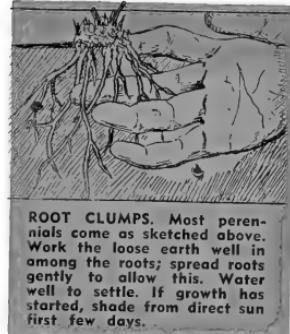
Funkia (Plantain-Lily)

Subcordata grandiflora. The well-known white August Lily. 3 for \$6.00, 10 for \$12.50.

Viola Odorata

Fragrant bloom all spring. Hardy, easily grown. Any one kind. 3 for \$2.50, 10 for \$5.25.

Royal Robe—large, blue.



Showy New Spiderworts

Daily dozens of large blooms June to August. Very tolerant. 18 in. high. Any one kind 3 for \$2.75.

—**Avalon**, white.

—**Purple Dome**, purple.

—**Weguelin**, large blue.

COLOR ARRANGEMENT

Begin with the favorite flowers: in the sunny border at left, Delphinium: Tall, late; space 12 inches. On paper draw three square feet (any shape) and write 3 Delphinium. (fewer make no show.) Now the late garden is established as blue. A companion plant is all-season Aster Frikarti. Heighten the early blue with Anchusa. Yellow is a fine complementary. Chrysanthemums and other yellow plants in front. For each the planting distance is carefully drawn. Change until it suits available space. The shade border: Here the favorite plant is *Aquilegia* (Columbine) and the whole garden matches, with the blazing *Astilbe* for early flash. Later, on the left is a white, with a rose behind it and orange beyond.



LILIES Drained Soil.

Regal—5 ft. July. Sunny. Pink, white, yellow blend, fragrant. 3 for \$2.50, 10 for \$5.00 ppd.

Speciosum rubrum — 3 ft. August. Rose-pink dotted crimson. Fragrant. 3 for \$3.50 postpaid.

Canadense — 2 ft. June. Orange. Prefers sunny, damp site. 5 for \$2.20 postpaid.

Philadelphicum—2 ft. July. Orange-cup Lily. Showy. 5 for \$2.20 postpaid.

Superbum—5 ft. July. Turks-cap Lily. White, spotted red. 5 for \$2.20 postpaid.

are exciting, bright, clean colors . . . are

MODERN BEARDED IRIS

huge, with often several flowers to a stem. They are nothing at all like old-fashioned German Iris of even twelve or fifteen years ago. The best of the new ones as they come out sell for very high prices, but when available in quantity the price drops. Here are 24 such, still considered among the top quality, but which are now available at \$1 or less: Plant August to November.

Blue Shimmer—Creamy white, edged and dappled blue. \$.70

Great Lakes—Pure blue, lighter beard. Grand. \$.70

Lady Mohr—Oyster white and chartreuse. Impressive. \$.80

Chivalry—Outstanding blue. \$.95

Blue Rhythm—Huge cornflower blue. 1950 Dykes Medal. \$.75

Desert Song—Large, ruffled cream. New. Outstanding. \$.95

Dream Castle—A lovely, pure orchid pink. Perfection. \$.95

Helen Magregor—Clear, pale blue. Large ruffled. 1949 Dykes. \$.95

Ola Kala—Deep yellow, ruffled. Striking in landscape. \$.75

Snow Flurry—Blue-white; icy and perfectly formed. \$.95

Lady Boscawen—New ruffled white, light yellow beard. \$.80

Minnie Colquitt—Massive white plicata, ruffled flower. \$.80

Elmohr — Tall purple 1945 Dykes medal. Fine. \$.65

Wabash — White with violet falls. 1940 Dykes. \$.55

Solid Mahogany — Grand tall dark red. \$.65

New Snow—Ruffled white, very pure. Bright yellow beard. \$.95

Pink Cameo—New flamingo pink (no violet). Tangerine beard. \$.85

Ranger—Almost crimson. Large flower, broad flaring falls. \$.95

Rocket—Pure deep gold and orange. Ideal form. \$.95

Sable—Almost black, dark blue beard. Large, tall. \$.90

Vatican Purple — Silky, bright blue-purple, heavy texture. \$.80

4 Everblooming Iris

Early spring, occasional summer bloom and heavy fall show. Water and fertilize lightly between flowering periods.

Autumn Dawn—Pink

Frost Queen—White

Sangreal—tall yellow

October Blaze—red

3 of a kind for \$1.95

8 (2 each) for \$6.25



Day-Lilies

(Hemerocallis)



All gay, clean colors. Here are the best in each color and season. Sun or shade; disease-free. Each kind blooms about 4 weeks. These are sensationaly handsomer than old-fashioned day-lilies: larger, brighter, showier.

		EARLY (May-June)	MID-SEASON (July)	LATE (August)
3	Creams \$2.50	Winsome — Pale yellow. Very fine. June. 3 ft.	Patricia — Creamy yellow, green throat. Fragrant	High Boy — Tall and very pale \$.80
3	Yellow \$2.15	DuMortieri — Rich yellow. 24-inch \$.70	Hyperion — Finest canary. 4 ft. \$.80	Mrs. W. H. Wyman — Fine lemon \$.80
3	Orange \$3.50	Earliana — Golden orange. Fine ..	Rajah—Orange and red. Striking \$1.10	August Orange — Rich orange ....\$1.20
3	Pinks \$4.20	Symphony — Rose red and yellow. 3½ ft. \$1.45	Pink Charm — Soft Ochre-red pink. 4 ft. tall	Rosalind — (Fulva rosea). Pinkest of all kinds .....\$1.45
3	Reds \$3.25	Theron — Wine-red. Graceful twisted petals	Tejas — Intense fiery red, yellow throat.	Gay Troubadour — Red and cream bicolor. Unusual \$1.35
3	Purple \$3.25	Purple Waters — Port — Wine-purple. Very vigorous	Port — Port wine on well branched stems. 30-inch \$.80	Persian Princess — Velvet-red overlaid on purple .....\$1.35



JAPAN IRIS

Moist, part shade, fertilize. Huge flowers in July. Any one kind: 3 for \$3.20.

Betty Holmes — Huge pure white. Grand.

F l a m i n g o — Fine double lilac-pink.

K. H a v e m e y e r — Large double sky-blue.

Rose Anna — Large rosy-wine.

Mahogany — Brownish red.

Albatross — White.

Hardy PHLOX

Decussata (Summer Phlox)

July to October. Space 10 inches, sun, drained, fertilized. Never water foliage. Any one fine new kind: 3 for \$2.75, 10 for \$5.90.

Daily Sketch—Very large salmon-pink florets with crimson eye.

Leo Schlagter — Orange scarlet florets in very large trusses, very popular.

Lillian—Beautiful pure pink without magenta. Good panicles of large florets. Healthy growth.

Orange Beauty—Brilliant.

Spitfire—Scarlet-orange tone.

Mary Louise — Pure white, extra large flowers.

Dresden China—Soft pink.

Morgenrood—Big bright red.

Purple Heart—Blue and purple.

World Peace—Pure white.

Phlox stolonifera

Blue Ridge variety. A nice creeping plant sends up 3-inch heads of clear blue in June.

3 for \$2.75, 10 for \$5.90

Suffruticosa (Early Phlox)

Sun, drain, space 10 inches.

Miss Lingard — The best early white known. June to October.

3 for \$2.75, 10 for \$5.90

Subulata (Moss Pink)

A low spreading mat for full sun in drained soil. Bloom April and May. Any one kind—

3 for \$2.25, 10 for \$5.00

Crimson King—Showy red.

Vivid—Attractive pink, red eye.

Alba—Pure white.

ANY ONE KIND ON THIS PAGE PRICED:

3 for \$2.65 (10 of any one kind \$5.75 ppd.)

		(Space) (Ht.) (bloom)
ACHILLEA <i>Angels Breath</i> , white	12"	18" Jun-Aug
— <i>tomentosa</i> (Woolly Yarrow), yellow	12"	18" Jun-Sep
— <i>Togetto</i> , pale yellow	9"	5" Jun-Sep
AETHIONEMA <i>Warley Rose</i> (Blue foliage)	8"	4" Apr
ANEMONE		
— <i>japonica Queen Charlotte</i> , dbl. pink	15"	30" Sep-Oct
— <i>pasquilla</i> (Pasque flower), purple	9"	12" April
AQUILEGIA (Columbine)		
— <i>Chrysantho</i> , gold	10"	24" May-Jun
— <i>Long-spurred Hybrids</i> , mixed	10"	30" May-Jun
ASTER <i>alpinus</i> , dwarf blue	6"	9" May
CAMPANULA <i>gorgancia</i> , blue, trails	9"	4" Jun-Sep
— <i>rotundifolia</i> (Blue-bells), blue	9"	12" Jun-Aug
— <i>persicifolia</i> , blue	9"	12" Jun-Aug
DELPHINIUM <i>belladonna</i> , azure blue	18"	36" Jun-Sep
— <i>Pacific Hybrids</i> , mixed colors	18"	36" Jun-Sep
DORONICUM <i>caucasicum</i> , yellow	9"	24" May-Jun
FILIPENDULA <i>hexapetala</i> , dbl. white	18"	12" Jun-Jul
GERANIUM <i>sanguineum</i> , red	12"	12" Jun-Jul
GEUM — <i>Mrs. Bradshaw</i> , dbl. red	12"	18" June
— <i>Lady Stratheden</i> , yellow	12"	18" June
GLOBULARIA <i>cordifolia</i> , blue	9"	9" July

PERENNIALS THAT TAKE CARE OF THEMSELVES

	O=Bloom				
	early	May	June	Summer	Autumn
ASCLEPIAS <i>tuberose</i> .			○	○	○
ACHILLEA <i>plumosa</i> .			○	○	○
ASTER <i>frickerti</i> .			○	○	○
BAPTISIA <i>australis</i> .			○	○	○
CAMPANULA <i>medium</i> .			○	○	○
— <i>rotundifolia</i> .			○	○	○
CORONILLA <i>cappad.</i>			○	○	○
COREOPSIS (var.)			○	○	○
CIMICIFUGA <i>racemosa</i> .			○	○	○
DICENTRA (varieties)			○	○	○
CYPRIOPEDIUM (var.)			○	○	○
IRIS <i>versicolor</i> .			○	○	○
— <i>pseudacorus</i>			○	○	○
HEMEROCALLIS (var.)			○	○	○
LIATRIS <i>scariosa</i> .			○	○	○
LILIUM (most vars.)			○	○	○
LOBELIA <i>cardinalis</i> .			○	○	○
LYTHRUM <i>virgatum</i> .			○	○	○
MERTENSIA <i>virginica</i> .			○	○	○
MYOSOTIS <i>semperf.</i>			○	○	○
NEPETA <i>mussini</i> .			○	○	○
PEONIES (most)			○	○	○
PENSTEMON <i>barbatus</i>			○	○	○
PHLOX <i>subulata</i>			○	○	○
— <i>divaricata</i>			○	○	○
THALICTRUM (var.)			○	○	○
THERMOPSIS <i>carol.</i>			○	○	○
THYMUS <i>serpyllum</i> .			○	○	○
TRADESCANTIA (var.)			○	○	○
TRILLIUM (all)			○	○	○



SHADE PERENNIAL BORDER—Some showy yet labor-saving plants for such a position are:—Beardless Iris, Day-Lily, Lilies, Liatris, Lythrum, Mertensia, Tradescantia, Aquilegia, Digitalis, Lady-Slippers, Campanula carpatica and Astilbe Fanal.

40 CHOICE PERENNIALS

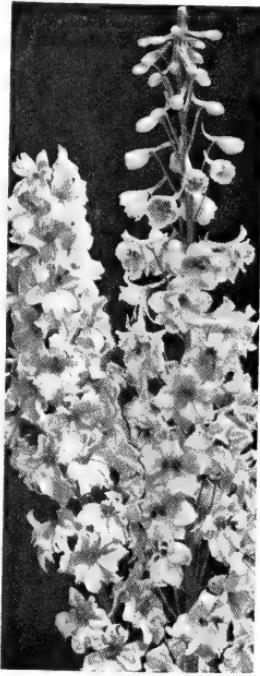
	(Space) (Ht.) (bloom)
HELIOPSIS <i>zinnaeflora</i> , yellow	30" 30" July-Sep
IBERIS <i>semperflorens</i> (Candytuft), white	6" 6" May
— <i>Snowflake</i> , large white, compact	6" 6" May
INCARVILEA (Hardy gloxinia)	
— <i>brevipes</i> , bright crimson	12" 18" Jun-Aug
LYCHINIS <i>viscaria</i> , rose-pink	9" 10" May-Jul
NEPETA <i>mussini</i> (Groundivvy), lavender	8" 12" May-Sep
PLATYCODON (Balloon Flower)	
— <i>Japanese</i> , dbl. deep blue	12" 12" May-Oct
— <i>mariesi alba</i> , white	12" 12" May-Oct
PLUMBAGO <i>larpentae</i> (Leadwort), blue	12" 6" Sep-Oct
PRIMULA <i>Colosseae</i> , mixed colors	12" 9" Apr-May
RUDBECKIA — The King , deep crimson	12" 36" Jun-Sep
TRITOMA <i>pfitzeri</i> , Flame , vivid red	12" 30" Aug-Oct
— White Fairy , white	12" 36" Jul-Sep
TROLLIUS <i>Lebedouri</i> , gold	12" 36" June
VERONICA <i>incana</i> (Speedwell), blue	6" 12" Jul-Aug
— <i>holophylla</i> , blue	12" 14" Jul-Sep
— <i>spicata</i> , bright blue	6" 9" Jul-Sep
— <i>S. rosea</i> , pink	6" 9" Jul-Sep

40 POPULAR PERENNIALS

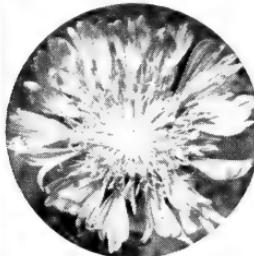
3 for \$2.15 (10 of any one kind \$4.75 ppd.)

(Space) (Ht.) (bloom)

AJUGA reptans (Bugle), low mat blue	9"	5"	May-Jun
ALYSSUM saxatile compactum , yellow	9"	12"	Apr-May
AMSONIA montana , blue	12"	24"	May
ARENARIA verna caespitosa , white	8"	6"	Apr
ARMERIA (Thrift) <i>laecheana</i> , rosy	9"	6"	May-Jun
— <i>junccea alba</i> , white	9"	6"	May-Jun
BOLTONIA latisquama , white	18"	50"	Sep
CAMPANULA carpatica , blue	9"	66"	Jun-Sep
CENTAUREA montana (Cornflower), blue	12"	24"	Jun-Sep
— <i>macrocephala</i> , yellow	18"	48"	Jul
— <i>dealbata</i> , rosy-lilac	18"	40"	Jul
CERASTIUM tomentosum (Snow-in-Summer) Woolly gray leaf, white	12"	6"	Jun
COREOPSIS rosea , pink	12"	12"	Aug
DIANTHUS—plumarius (Pinks), mixed	12"	15"	May-Jun
ECHINOPS ritro (Globe Thistle), blue	24"	24"	July
EUPHORBIA myrsinifolia , yellow	12"	9"	July-Aug
GAILLARDIA Burgundy (Red)	12"	18"	Jun-Oct
GERANIUM Sanguineum , crimson	12"	12"	Jun-Jul
HELIANTHUS <i>orealis</i> , yellow	12"	48"	Oct
HIBISCUS (Giant Mallows), mixed	36"	60"	Jul-Sep
LIATRIS elegans , white spikes	12"	48"	Aug
— <i>scariosa</i> , purple clusters	18"	60"	Aug
LINUM Norbonense (Flax), blue	12"	24"	Jun-Aug
LYSIMACHIA vulgaris , wet soil, yellow	18"	36"	Jul-Aug
— <i>clethroides</i> , white	36"	24"	Jul-Aug
MALVA alcea , pink to white	24"	24"	Jul-Aug
PENSTEMON (<i>Barbatus</i>), pink	12"	40"	Jul-Aug
— <i>confertus</i> , yellow	12"	24"	July
PHYSOSTEGIA virginica Vivid, pink	12"	15"	July-Oct
— <i>alba</i> , white form	12"	15"	July-Oct
PYRETHRUM ros. (Painted Daisy), mixed	15"	24"	May-Aug



Delphinium



Above: Stokesia
Below: Phlox



(Space) (Ht.) Bloom

POTENTILLA <i>Nepalensis</i> , rose	18"	24"	Jun-Aug
— <i>Warrenii</i> , golden clusters	12"	18"	July
SAPONARIA ocymoides , trailing, pink	6"	6"	May-Jul
SALVIA Pitcheri (Sage), clear blue	24"	36"	Aug-Sep
— <i>Pratensis</i> , deep blue	18"	24"	July
SCABIOSA caucasica , blue	12"	18"	Jun-Sep
SEDUM—Dragon's Blood , d. red leaf	6"	6"	Aug-Sep
— <i>Reflexum</i> , yellow. Evergreen	6"	6"	July
SILENE Schafta , rose-pink	6"	4"	Aug-Sep
— <i>maritima</i> , white	12"	12"	July
— <i>Fortunei</i> , rose	12"	36"	Sep
STATICE latifolia (Sea Lavender)	9"	15"	Jul-Aug
STOKESIA Laevis , insect-free, blue	12"	18"	Jun-Nov
THALICTRUM glaucum (Meadow Rue), yellow	12"	24"	Jun-Jul
VALERIANA coccinea , rose	9"	12"	Jun-Jul
— <i>alba</i> , white variety	9"	12"	Jun-Jul

WILD-FLOWERS

Lady-Slippers, Trillium, Bloodroot, Jack-in-Pulpit, Blue-Bells, and early spring bloomers can be shipped only in fall.

Success with wild flowers is simply a matter of putting them in the soil and exposure to which they are accustomed. It is important to group associated plants, rather than try to make artificial differences of soil in the same bed. Coddling is apt to do more harm than good.

Columbine

Aquilegia canadensis — 2 ft. Red and yellow in late spring. Well-drained, sun or part shade. 5 for \$1.95 postpaid.

Butterflyweed

Asclepias tuberosa — 18 inch. Orange in June-July. Sunny, well-drained. 3 for \$2.25 (10 \$4.75), postpaid.

Poppy Mallow

Callirhoe involucrata — Prostrate trailing plant. Large rosy crimson flowers all summer and early fall. Dry, sunny. 3 for \$2.25, (10 \$4.75) postpaid.

White Bugbane

Cimicifuga racemosa — 4 ft. Spikes of white, July-August. Stands shade. 5 for \$2.20 postpaid.

Plumy Bleeding-heart

Dicentra eximia — 12 inch. Rose pink throughout summer. Handsome cut foliage. Sun or shade. 3 for \$3.00, (10 for \$6.50) postpaid.

Shooting Star

Dodecatheon media — 12 inch. Pink, April to May. Rosettes of large green leaves. Light moist soil, some shade. 5 for \$2.25 postpaid.

Cardinal Flower

Lobelia cardinalis — 4 ft. Tall spikes of most brilliant scarlet in August. Rich, moist soil. 5 for \$1.95 postpaid.

Evening Primrose

Oenothera missouriensis — Dwarf, covered with yellow blooms all summer. 3 for \$2.25, (10 \$5.00) postpaid.

Liverleaf Hepatica

Hepatica triloba — 6 inch. Flowers vary from pink to blue-white, early spring. Acid, shade. 5 for \$2.25 postpaid.

Blazing Star

Liatris pycnostachya — 5 ft. Tall spikes of rich purple in August - September. Unusual and attractive. Well-drained soil. 3 for \$2.20, (10 \$4.75) postpaid.

Blind Gentian

Gentiana Andrewsii — 12 inch. Bright blue, large flowers in clusters, August - September, that never open. Handsome, rare, moist soil. 5 for \$1.95 postpaid.

At Last — 7 trouble-free Roses



Native Phlox

Phlox divaricata — Masses of lavender blue, April to June. 10 inch. 3 for \$2.75, (10 for \$6.00) postpaid.

Carolina Lupine

Thermopsis caroliniana — 3 feet. Spikes of yellow pea-flowers in June-July. 3 for \$2.25, (10 \$5.00) postpaid.

Wild Iris

Iris cristata (crested) — 8 inch blue, creeping. 5 for \$2.20 postpaid.

Iris versicolor (Blueflag) — 2 ft. blue. Marshes or damp soil. 5 for \$2.20 (100 for \$20.00) postpaid.

Great Solomons Seal

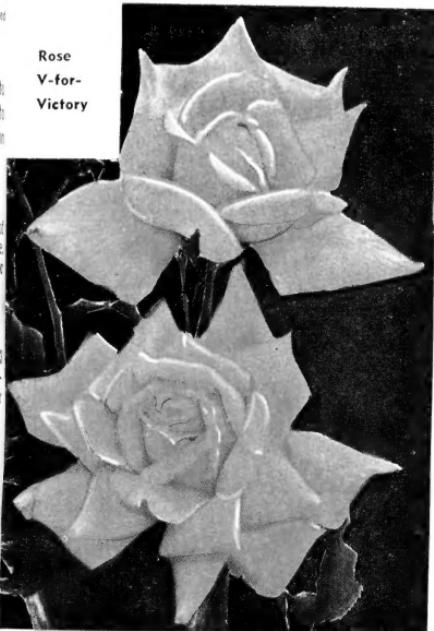
Polygonatum commutatum — 30 inches. White flowers in May. Handsome leaf. Peat, light shade. 5 for \$2.20 postpaid.

★ NO MORE BLACK SPOT

Absolute resistance to this dread disease has been bred into seven of these roses:

Pink Bouquet
Yellow Ruffels
Dolly Darling
Red Duchess
Pink Princess
Orange Ruffels
Lafter

One each — 7 kinds
\$14.50 postpaid

Rose
V-for-
Victory

Grandiflora Roses

This class, like Floribundas but with vigor and blooms like Hybrid Teas, is now made to order to fit these favorite Brownell varieties. Bloom all summer long.

★ **Pink Princess.** Bud red, flower deep pink. Free from premature defoliation.

Anne Vanderbilt. Exquisite coppery orange, red, informal, semi-double, fragrant.

★ **Lafter.** Sparkling orange and yellow, semi-double.

Lily Pons. Cream, large. Vigorous, free

Curly Pink. Clusters of large two-toned pink all summer. Vigor, health, and constancy.

★ **Dolly Darling.** Pink, sunset and rose blend. Extra vigor and health.

2 Brownell Creepers (June)

For ground cover on walls, on fences.

Apricot Glow. Coppery pink, brilliant. Double flowers.

Golden Glow. The spectrum yellow, very fragrant.

BROWNELL }
SUB-ZERO } **GUARANTEED TO BLOOM**

ROSES

EACH: \$2.25

3 FOR \$6.25

DOZEN: \$22.00

Postpaid

This new race of roses adds to unusual hardiness a character of improving with age, rather than slowly deteriorating as most hybrid teas do. Easy to grow and bring into bloom. Disease-resistant, unusually hardy.

HARDINESS: Zone IV, but roots will survive still colder climates. Even if tops damaged, new growth will bloom.

BROWNELL HYBRID TEAS

Shades of Autumn. Red and yellow.

Tip Toes. Spicy fragrance. Orange and pink.

Dick Wilcox. Deep red, magnificent vigor.

V for Victory. Large, double, yellow, fragrant, profuse.

Country Doctor. Large, recurved silvery pink satin. **Sun Up.** Rich, clear china-rose.

Cedric Adams. Scarlet and crimson, large, double.

★ **Red Duchess.** Robust sturdy large red. Outstanding fragrance. Brilliant, free to flower.

Queen o' the Lakes. Sensational large crimson.

EVERBLOOMING PILLAR ROSES

Revolutionary combination of HT's and ordinary climbers never before obtained. Beautiful large HT blooms all summer. Sub-zero hardiness. Red, pink, apricot, yellow, white in various shades. Not yet named, sold only our selection of colors (one each color) 3 for \$10, 6 for \$20. If only one desired, price is \$4 each.

They grow sturdy like climbers, but not so high. May be kept cut back as bush form, or as specimen self-supported bushes 5 to 8 feet tall.

4 Brownell Floribundas

Everblooming, hardy, bushy clumps.

★ **Pink Bouquet.** Vigorous double pink.

Tomkins Red. Semi-double, velvet red.

★ **Orange Ruffels.** Glowing, soft luminous. Steady bloomer all summer. Large.

★ **Yellow Ruffels.** Similar, but a good nonfading yellow.



What our customers said in 1959

I'd like you to know how pleased I was with past orders placed with you. Good stock, good service, and as represented.

D. K., Waterbury, Conn.

With the exception of the war years, I have been getting good stock from you for the past 20 years. (No reflection on your war-years stock; my only gardening then was a few seeds on a Curacao air base.)

C. P. H., Hammond, Ind.

Thank you for your friendly and careful garden service for the past 15 years.

A. M., Andover, Conn.

In this day of firms promising everything and delivering very little, it is a pleasure to find a firm that ships in as good or better condition than you expected. But how in this day of Madison Avenue tactics can you keep in business giving customers a square deal?

R. K., Des Moines, Iowa

FERTO-POTS

Ferto-Pots are manufactured from a rich rotted cow manure mixture in automatic pot machines and then kiln dried. The pots soften up only in moist soil after planting out after seedlings are big enough. Start your seeds, seedling plants, cuttings, bulbs, etc., in **Ferto-Pots** and insure quicker, better results; no wilt, no setback in transplanting. Pot goes into the ground without disturbance or shock to the root system and continues to feed the growing plant.

(Postpaid)—2-in. diameter, 100 for \$2.75; 2½-in. diameter, 100 for \$3.00; 3-in. diameter, 100 for \$3.50.

I received the 30 azaleas 6 days ago in beautiful condition. I have never seen plants packed so perfectly. It was a joy to set them out and I shall certainly send you a larger order next year.

R. H. W., Peterborough, N. H.

Am writing to say how pleased I am with (my first order). For the past 50 years have been looking for just such people as you to do business with.

M. E. R., Baltimore, Md.

The taxus you sent are a delightful surprise — I never imagined they'd be so good!

Mrs. D. D., Schenectady, N. Y.

I want to compliment your organization for attention to detail, conscientiousness, and keeping your word. These qualities are becoming rarer all the time in this day and age when we have to write or phone repeatedly to get people to do what they should do without prodding. A long life and a prosperous one to your company.

A. W. V., Philadelphia, Pa.

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Zoysia grass makes a grand lawn. Brown in winter, but lush, springy green in summer droughts. Resists drought and heat beyond anything known. Good in south, and north into Zone IV. Kills out crab-grass, tolerant of poor soil, disease and insect free. Toughest turf known.

Plant late, in May or June. Scrape a trench every 10 inches, plant runners 5 inches apart in trenches, water frequently. A good lawn in 6 months.

A bag of 400 linear feet of runners, postpaid and guaranteed, \$12.50.

OUR GUARANTEE

No matter what the cause, we will replace at half-price (50% credit) anything that dies the first growing year. If size or variety cannot be exactly duplicated, we will allow this credit on the purchase of anything else in our catalog. This credit is automatic. Just order the replacement and deduct 50%, remitting the remainder. (State what died, and when ordered.)

We also guarantee 100% safe arrival, but unless damaged stock is reported within 10 days of arrival this offer lapses. (You still have the 50% regular guarantee above.)

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PRICES — Net at the nursery. Transportation to be added at actual cost. Usually 5 sold at rate per 10, 50 at 100 rate.

PACKING COSTS — Free if Cash accompanies order, except stock dug with a ball of earth. Otherwise, packing is charged at cost (usually 10% of cost of stock). Balled, heavy evergreens: we will estimate costs in advance if you wish.

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Thousands of gardeners have found this basic book of "more real help than a shelf of cyclopedias." "Exciting as a novel," "certainly no other book exists like it." If you have been confused by the complex rules and instructions in ordinary garden books, you will find here quick, sure enlightenment. Yet expert gardeners, even more than beginners, are writing about this book's surprising usefulness.

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